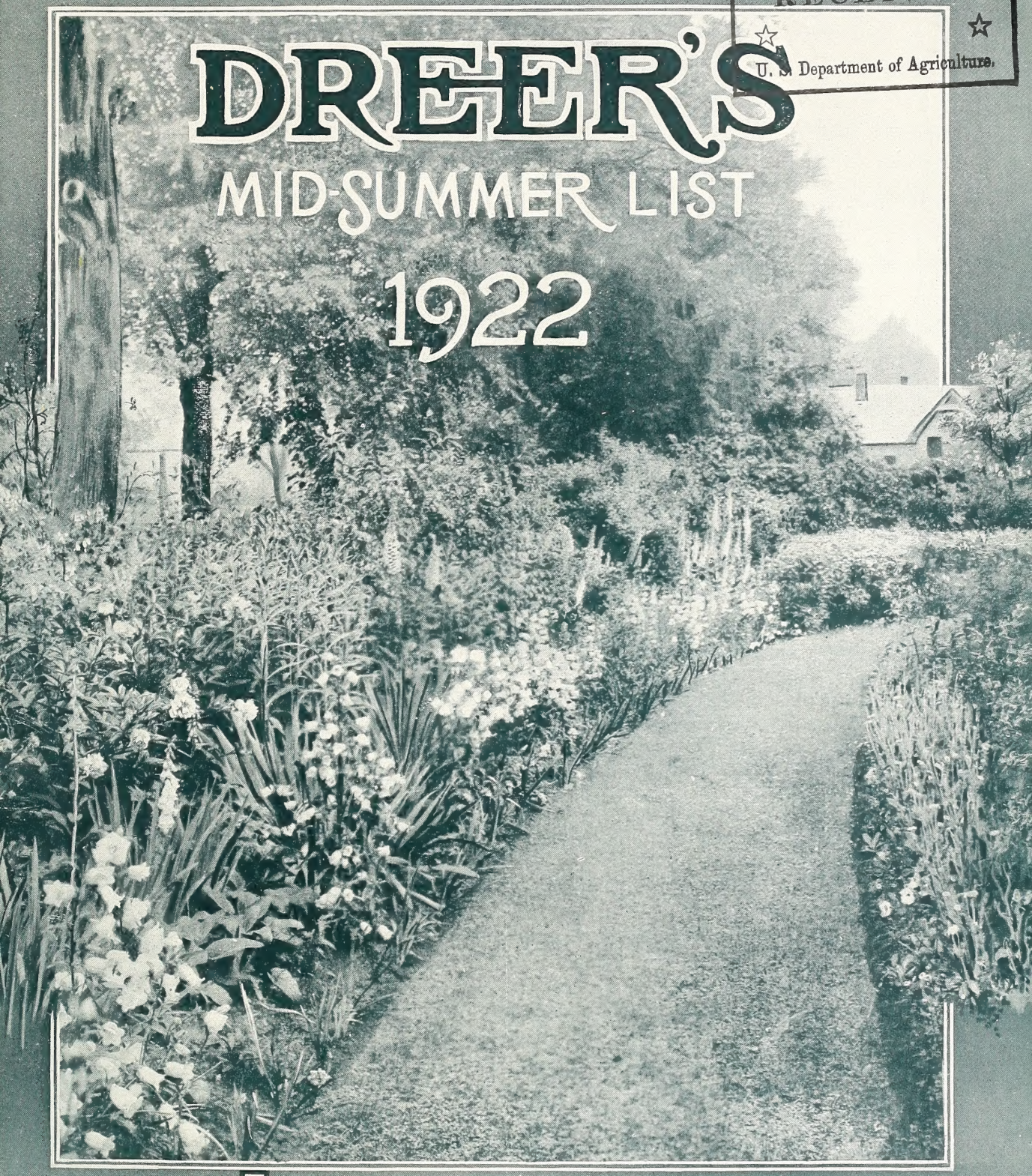
Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.73

LIBRARY
RECEIVED
U. S. Department of Agriculture.

DREER'S
MID-SUMMER LIST
1922



HENRY A. DREER

714 ~ 716 CHESTNUT ST
PHILADELPHIA PENNA

Dreer's Midsummer Catalogue

1922

In presenting this, our Midsummer Catalogue for 1922, we would direct the attention of our patrons to our offerings as follows:

	PAGES
Pot-grown Strawberry Plants which will bear a full crop next year	1 to 4
Celery, Cabbage and Brussels Sprouts Plants	5
Flower Seeds. Our usual comprehensive offering of the sorts than can be sown during the summer	6 to 24
Winter and Spring-flowering Bulbs. Advance offer of the leading kinds	25 to 33
Vegetable Seeds. A complete list of the kinds that can be sown this summer and crops secured before frost	34 to 39
Farm Seeds. For summer sowing	40
Seasonable Tools and Sundries	41 to 48

The attention of our customers is respectfully called to the following directions, which will if followed, be an aid to purchasers as well as ourselves

FORWARDING.—We deliver, postpaid to any Post Office in the United States, Vegetable and Flower Seeds in packets, ounces and pounds, except where otherwise noted in the Catalogue. Agricultural Seeds, Implements, Fertilizers and other heavy and bulky goods are sent by Express or Freight at purchaser's expense.

All Plants, Roots and Bulbs are forwarded by Express, purchaser paying charges. For those of our customers who prefer to receive their goods by Parcel Post, we will be pleased to forward in this manner such Plants, Roots and Bulbs as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots or Bulbs:

To all points east of the Mississippi River, 10 per cent extra.

To all points west of the Mississippi River, 20 per cent extra.

LOCAL DELIVERY.—We deliver goods free in Philadelphia. We can also forward by Package System (Baggage Master) to points where this system is in operation, such goods as will be received by them at the following charges: Packages weighing when packed for shipment not over 10 pounds, 12 cts.; not over 25 pounds, 18 cts.; not over 40 pounds, 24 cts.; not over 55 pounds, 30 cts.

PACKING.—No charge is made for boxes or packing on Express or Freight shipments nor for Delivery to Freight Depots or Express Offices in Philadelphia; the extra cost of packing Parcel Post shipments is included in the 10 and 20 per cent charge noted above.

SAFE ARRIVAL OF PACKAGES.—We guarantee the safe arrival of all goods sent by Express or Mail to points within the United States. If a package sent by Express or Mail is injured or lost we will replace it as soon as informed of the fact. Goods sent in any other way are solely at purchaser's risk. Frequently it happens that orders never reach us or are without signature. When customers fail to receive their packages in a reasonable time they should inform us, and at the same time send a copy of their order and any other information necessary to trace the goods. Claims for damage must be made on receipt of goods. We do not hold ourselves responsible for failures after delivery of the goods in good condition.

REMITTANCES should be made by Post-office Money Order, Drafts on Philadelphia or New York Banks, or Express Money Orders. We disclaim all responsibility when remittances are not made as above directed. Where it is not possible to obtain these, the letter should be registered. Postage stamps will be found a convenient method of remitting for small amounts, and can be used by us to advantage. Coin should not be sent by mail.

CASH WITH ORDER.—Please send money with the order sufficient to cover the whole bill. We decline sending goods "Collect on Delivery" unless remittance be made on account to guarantee acceptance.

NAME AND ADDRESS.—Please remember to write on each order your **NAME, POST-OFFICE, COUNTY** and **STATE**; also give number of street or P. O. Box as distinctly as possible; also the **NEAREST EXPRESS OFFICE**, or, if on a stage route, send us special directions, giving us the name of the Express Company delivering goods.

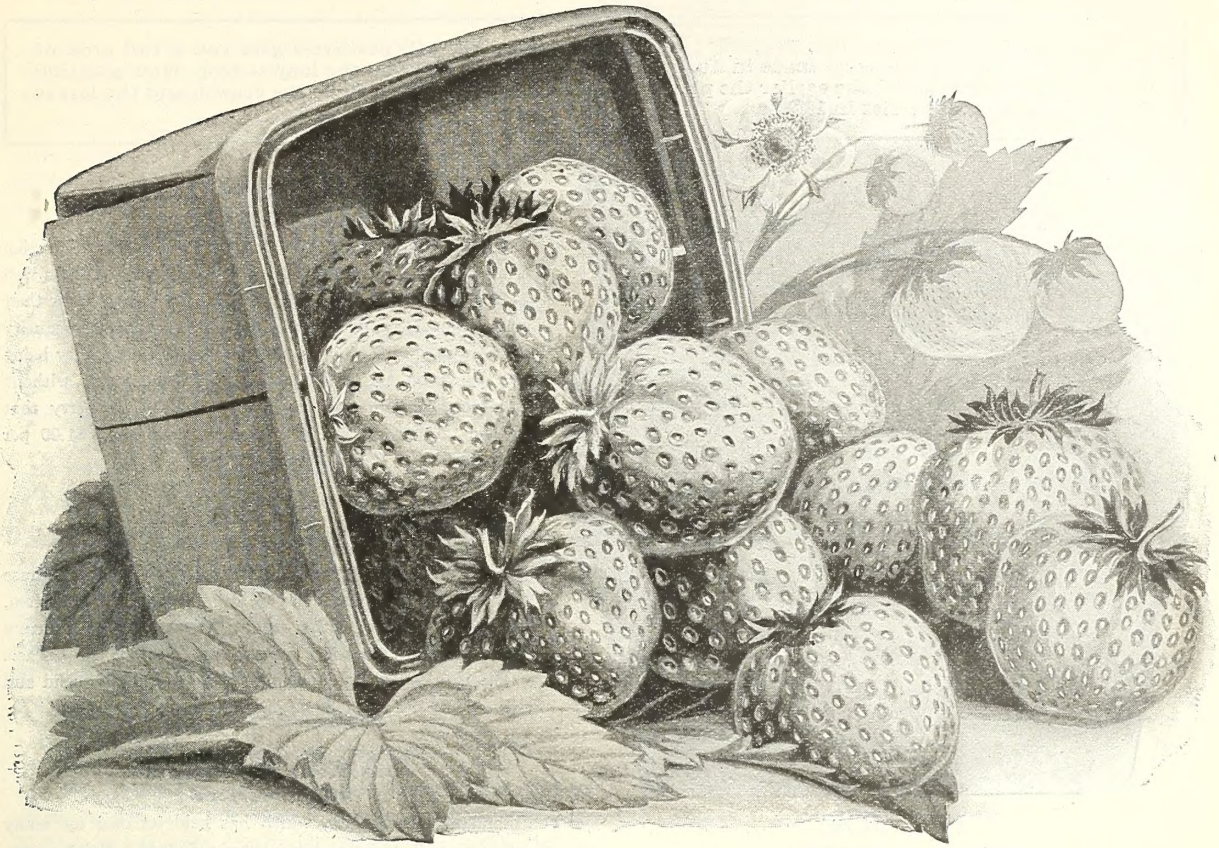
NON-WARRANTY.—Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this Catalogue will be executed on these conditions only. It must, however, be plain to every one who gives the matter the slightest thought that it is to our best interests to send out only such stock as will not only grow, but prove true to name and description.

CORRESPONDENCE.—We try to give prompt attention to all proper letters of inquiry, etc. We ask, as a favor, that all questions be stated clearly and briefly, and not on order sheets.

HENRY A. DREER 714-716 Chestnut Street PHILADELPHIA

DREER'S POT-GROWN STRAWBERRY PLANTS

Pot-grown Plants set out this Summer will Produce a FULL CROP OF FRUIT NEXT YEAR



Our facilities for growing Strawberry Plants at our Nurseries at Riverton, N. J., enable us to produce early in the season strong pot-grown plants of greatest vitality.

Time of Shipment. Our pot-grown Strawberry Plants are usually ready for shipment the latter part of July or early August, and can be supplied as late as October. It is better, however, to secure the plants in August or September, as earlier plantings develop larger and more vigorous plants and produce a greater crop of fruit next year.

We forward by express, at the purchaser's expense. The plants are packed compactly, and as light as possible. We make no charge for boxes or packing. If shipment by Parcel Post is desired, add 10 per cent. to price of plants to cover cost of special packing and postage.

Directions for Garden Culture. To cultivate Strawberries for family use, we recommend a thorough preparation of the ground by deep spading or plowing. Work into the soil a liberal quantity of well-rotted manure. Use also our brands of ground bone and wood ashes. Plant in rows two feet apart; the plants fifteen inches apart in rows. Pinch off all runners. Cultivate frequently. In December cover the entire bed an inch deep with straw or long litter from the stable. In late March remove litter from crowns of the plants, but not from the alleys. Use sufficient straw about plants to keep the berries clean. This is the "hill" system of strawberry growing, and is especially adapted to summer and autumn planting. It involves the most work, but produces finest berries and largest crop from a given area.

The "matted row" plan, more especially suited to spring planting, is used by all market gardeners, and is adapted to family gardens also. It is substantially as follows: Prepare the ground as above. Set the plants in rows three feet apart, and fifteen inches apart in rows, permit runners to form and take root; cultivate the alleys continually, as close to the plants as possible, finally making alley and row each about eighteen inches in width. Keep the bed wholly free of weeds. Cover in winter, as above, and in March uncover crowns of plants. Use plenty of mulching, so as to keep berries clean and ground moist and cool.

Pot-grown versus Layer Plants. Potted plants may appear expensive, yet when the labor necessary to grow them into proper condition and the time saved in the result of the crop are considered, they will be found cheaper than ordinary layer plants. They may be planted after a crop of early summer vegetables have been harvested, and a crop of fruit secured eight to ten months after planting.

Layer Plants. A full list of layer plants will be given in our Autumn Catalogue, which we issue in September. They are not so desirable as pot-plants, and will not produce as large a crop of fruit next spring; but they are cheaper and more available for extensive planting.

Under proper autumn treatment they produce quite satisfactory results. A "layer" strawberry plant is one that has taken root by its own effort, whereas a "pot-grown" plant, having all the fibrous roots confined in pot, is not checked in growth by transplanting.

For Full cultural directions we recommend either of the following two books:

Biggle's Berry Book. A valuable work on the subject. 50 cts., postpaid.

Strawberry Culture. (*Fuller*) Contains all necessary information for their culture. 40 cts., postpaid.

DREER'S POT-GROWN STRAWBERRY PLANTS

Remember pot-grown plants, properly planted and cultivated, will positively give you a full crop of berries next summer; plantings made in August or September will give you the largest crop, later planting will prove satisfactory, but the earlier the plants are set out, the stronger will be the growth and the larger the resulting crop of berries in 1923.

BIG JOE
(Mid-season, Perfect)

This variety is highly recommended by reliable growers, and our own experience with it justifies us in endorsing all that has been said in its favor. The plant is usually vigorous, with a mass of large, healthy foliage; the fruit is large, of great substance, exquisite flavor and produced freely on strong stems held well above the ground. We do not know any variety that promises to give more general satisfaction. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

BRANDYWINE
(Mid-season to late, Perfect)

All growers are unanimous in their praise of this magnificent berry, and it is considered one of *the finest mid-season to late-fruiting sorts*. We do not know that it has a single defect, plants of extra strong constitution and growth doing well everywhere. The fruit is extra large, heart-shaped, color bright, rich red, and the flavor leaves nothing to be desired. A grand variety for preserving, retaining its flavor in a wonderful degree when canned. It always produces satisfactory crops, and whether grown for market or home consumption, will always be found in the front rank of high-grade berries. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

CAMPBELL'S EARLY
(Extra Early, Perfect)

An extra early variety of great merit—a very vigorous grower, producing great crops of large, rich, red berries. Practically all the fruit grows to full sized perfection ripening perfectly.

We believe there is no variety superior to it for earliness and vigor. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

CHESAPEAKE
(Late, Perfect)

A most reliable berry, which is giving perfect satisfaction in all parts of the country, both in the home garden as well as with market growers, many of the latter using it for their main crop. It is not a variety that sets an immense quantity of fruit, but every blossom makes a berry, every berry being well developed and strictly fancy, of good color without any green tips and of the highest quality. A berry that we can recommend for all soils and conditions. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

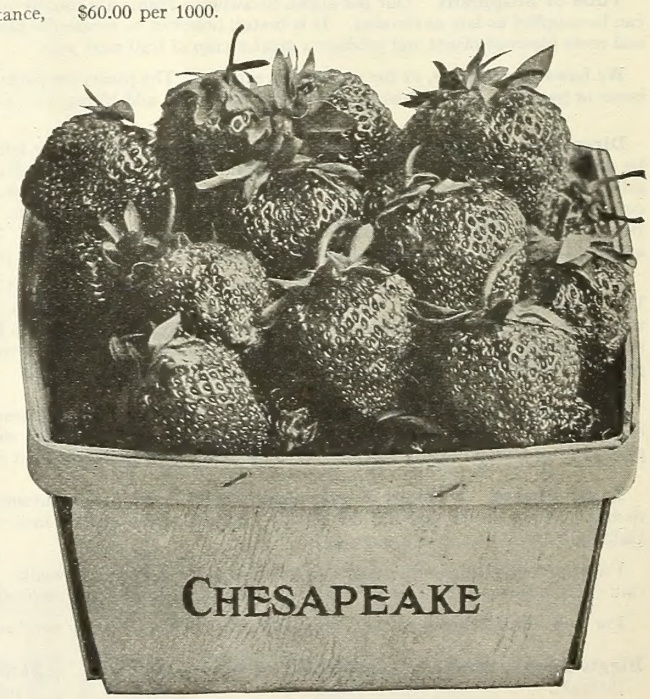
DR. BURRILL
(Early, Perfect)

This variety is very highly praised by the experts because of its wonderful vigor. Having a very strong root system, it is not easily affected by drouth, its foliage is extra heavy and substantial, making it almost immune from leaf disease.

The fruit is a deep glossy red, while the flesh is solid and rich. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

GANDY'S PRIZE
(Late, Perfect)

The standard late variety, which has held its own for many years, and by which every new late berry is judged. It is a strong healthy grower, but needs a rich soil for its perfect development. The berries are borne on long, strong stalks, well above the ground, a variety that is hard to beat. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.



GLEN MARY

(Mid-season to Late, Imperfectly Bi-sexual)

In the Middle and Northern States, where Glen Mary is at its best, probably no variety of Strawberry will produce more quarts per acre. The berries are large, firm enough to ship, of handsome appearance and good quality. Glen Mary is a strong grower and produces an abundance of foliage. The blossoms are about half perfect, but carry enough pollen for their own fruit. However, we believe the size and quantity of the berries can be increased by planting with it some strong pollenizer like Big Joe. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

LIBERTY BELL

(Late, Perfect)

A new variety, a seedling of the Gandy. A wonderful thrifty grower, heavy yielder, and in general appearance favors Gandy, but with fruit almost double the size. Liberty Bell is as firm a berry as Gandy, and we recommend it for trial. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

LUPTON

(Late, Perfect)

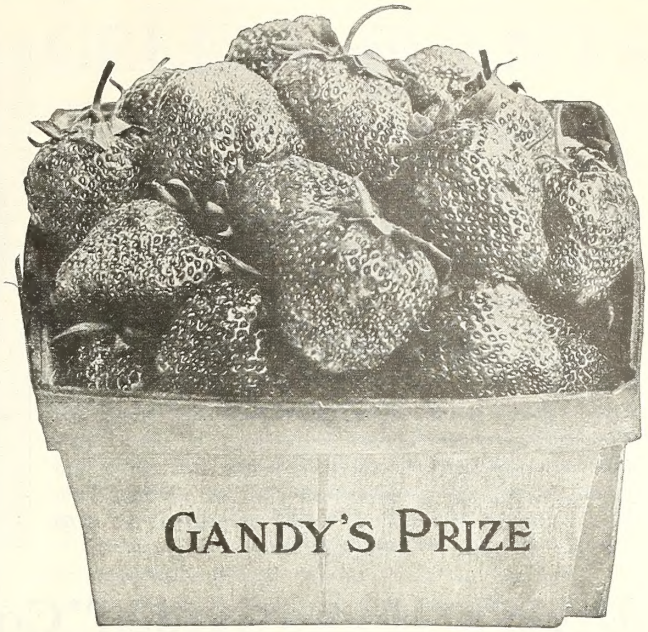
This berry has no equal for solidity, and because of its extraordinary substance is an ideal berry for preserving. Add to this the fact that it is very prolific, producing lavish quantities of large brilliant red, smooth-surfaced, glossy berries of high flavor, it will be found extremely desirable and valuable. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

McALPIN

(Mid-season, Perfect)

A very vigorous grower, with medium to large fruit, brilliant scarlet in color and unexcelled in quality. After a heavy rain McAlpin will have less sand on the berries than any other variety with which we are acquainted, an important feature where mulching is not practiced. A splendid home berry, $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

PREMIER STRAWBERRIES



OREAM

(Very Late, Perfect)

Recommended for the immense size of its berries, which are very freely produced.

In comparing it with that grand late variety, Gandy's Prize, it is claimed to ripen at the same time and to continue in fruit long after the Gandy's are past, thus lengthening the Spring Strawberry Season a week or ten days. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

PREMIER

(Very Early, Perfect)

One of our most successful berry growers describes Premier as follows: "The money-making king of all extra-early varieties. I have never found anything to equal it. The berries are large, beautifully formed and bright red all the way through. It is delicious in flavor. I have fruited it five years and like it better every year, and if it has any weak points have not found them." $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

ST. MARTIN

(Mid-season to Late, Perfect)

Awarded silver medal by the Massachusetts Horticultural Society.

The originator and introducer of St. Martin Strawberry, Mr. Louis Graton, says: "I have been growing Strawberries for forty-five years, and during all this time I have been striving to find the perfect berry. In placing St. Martin on the market I believe I am offering the best all-round berry in existence."

St. Martin is a fancy, extra large berry, which holds its size to the end of the season. It is of a beautiful, deep red color, firm flesh, wonderful flavor and delicate aroma. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

Books on Strawberry Culture

Biggle's Berry Book. All small fruits are treated in this complete little book. Price, 50 cts., postpaid.

Strawberry Culture. (*Fuller*) Gives all information on growing strawberries. Price, 40 cts., postpaid.

DREER'S "HOME GARDEN" Collection of Strawberries offered on page 4 is sure to please.

SUCCESS

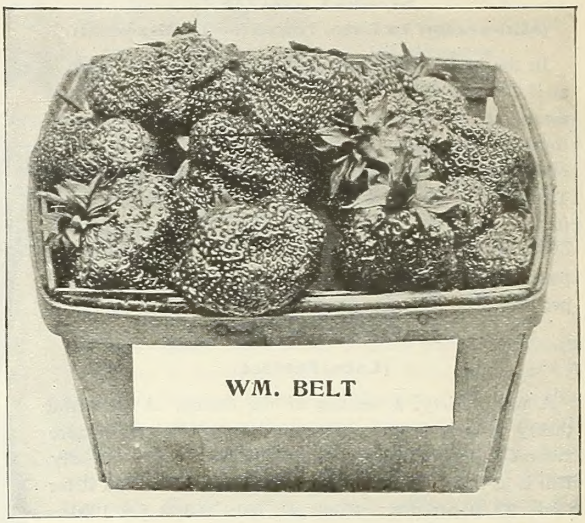
(Early, Perfect)

An improved form of the old famous Charles Downing, and as its name indicates, has been a success under most varied conditions, we consider it one of the most reliable early varieties for the home garden, as it can always be depended upon for a good crop of large berries of uniform shape of a bright flame color. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

WILLIAM BELT

(Late, Perfect)

For vigorous growth, great productiveness, size, beauty and fine quality one of the very best. It is grown by the acre for fancy fruit. The first berry to ripen on each fruit stalk, under high culture, is apt to be coxscombed; all others are of regular form. It is of bright, glossy red, the ideal color for a strawberry. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.



Dreer's "Home Garden" Collection of Strawberries

All Pot-Grown Plants which will Produce a FULL CROP of Berries next Summer

Notwithstanding the care we take in keeping our list down so as to include only varieties of sterling merit, the amateur finds difficulty in making a selection that will produce a bountiful supply of the finest fruit from the beginning to the end of the season. It is for such that we offer this collection, made up of **Campbell's Early** and **Premier** for early, **Brandywine** for mid-season, **Chesapeake** and **Gandy's Prize** for late, and **Progressive** for an autumn bearing variety, all of them sorts which adapt themselves to the most varied conditions of soil and climate, and which, in our judgment, combine in the highest degree all the qualities which high-grade strawberries should have:

6 each of the "Home Garden" Berries, 36 in all, for $3.00	25 each of the "Home Garden" Berries, 150 in all, for $ 9.50
12 " " " " " " 72 " " " 5.00	50 " " " " " " 300 " " " 18.00

AUTUMN FRUITING STRAWBERRIES

Autumn-Fruiting or Everbearing Strawberries

After careful trials we have selected the three varieties offered below as the most desirable. Under ordinary conditions they produce their main crop of fruit at the same time as other varieties and keep on bearing until frost. The proper plan is to cut off all buds as they appear until late in July, and thus conserve the strength of the plants for the fall crop. Treated in this way an abundant crop of berries may be looked for during September and October, or if the disbudding of parts of the plants is discontinued late in June an almost continuous crop of this luscious fruit may be secured throughout the growing season. Good cultivation is essential to bring about the best results, a liberal mulching during the summer is beneficial, and the plants should not be allowed to suffer for lack of water at any time.

Forward. Of free growth, producing an abundance of fruit throughout the summer and fall, particularly desirable for a very late crop, if judiciously disbudded; berry of good size and of excellent quality.

Peerless. A real *fall-bearer*—does not require disbudding and produces fruit until killing frost, in November. The fruit and blossoms being protected by very heavy foliage from all but severe frost. The berry is large to very large and wonderfully attractive.

Progressive. The most prolific fruiting; berries of fair size and produced in great abundance; they are of an attractive deep, glossy crimson color and of good flavor.

Price. Any of the Everbearing varieties, $1.25 per doz.; $8.00 per 100; $70.00 per 1000.

CELERY PLANTS

Plants will be ready to send out July 1st. They can be planted in this latitude from then until the end of August.

Celery requires a moist, rich soil, and will not thrive in poor soil and dry situations. After the plants have attained a height of five or six inches they should be set out in rows three feet apart, and six inches in the row. When twelve to fifteen inches high the soil should be loosened by the use of the plow or hoe, and the plants "handled." This operation consists of drawing the stems upright with one hand and pressing the soil firmly against the plant with the other; by this process the plants grow upright, and can be easily cultivated and blanched by drawing the soil close up to the plant. Celery should receive thorough cultivation if good results are desired. To store for winter use, select well drained ground, dig trenches one foot wide and deep enough to cover the tops of the plants. Pack the stalks in this in an upright position, covering with waterproof celery paper to shed the water; in severe weather protect with straw or leaves.

We grow in quantity the following splendid varieties:

Perfected White Plume. Ready for use ahead of all other varieties and unsurpassed for fall and early winter use. The leaves are bright green with white tips, and as the plants grow to maturity the inner stalks and leaves turn white, thus making very little earthing up necessary to thoroughly blanch it.

Golden Self-blanching. A splendid variety of early Celery, requiring but little labor to blanch. Plants grow to a medium size and make a stocky growth; heart is rich golden-yellow with light yellowish-green outer leaves. The quality is excellent, as the stalks are remarkably crisp and tender.

Easy Blanching. A new variety of Celery with remarkable easy-blanching characteristics and useful both for early use and for keeping during the winter months. The plants make a quick, healthy growth, and the stalks are thick, very tender and brittle, with a rich flavor.

Giant Pascal. Stalk very large, thick, solid, crisp and of rich, nutty flavor. It blanches very easily and quickly, and has superior keeping qualities.

Winter King. One of the best of the winter keeping Celeries. While the outer stalks are green, it naturally produces many golden hearts, which are very crisp, tender and of excellent flavor.

Winter Queen. This variety is a valuable sort, particularly on account of its excellent winter-keeping qualities. It grows a very thick, solid and heavy stalk, and has a large heart, and when blanched is a creamy white color.

All Celery plants 75 cts. per 100; $6.00 per 1000.

If wanted by Parcel Post, add 20 cts. per 100.

Miscellaneous Vegetable Plants

In stock until August. If wanted by Parcel Post, add 15 cts. per 100.

CABBAGE

Dreer's Selected Late Flat Dutch. Short stem, and large, solid and flat heads. Our stock has been carefully selected for several years, in order to get a Cabbage of this type, and we are confident no better strain is on the market.

Mammoth Rock Red. The largest and most solid of the red varieties; a sure heading sort, and tender.

Perfection Drumhead Savoy. Of superior quality; the largest solid heading Savoy, possessing the rich flavor of the Cauliflower.

Price. Any of the above, 50 cts. per 100; $4.00 per 1000.

BRUSSELS SPROUTS

Dreer's Select Matchless. A small-leaved variety of this noted vegetable, which, through careful selection, has been brought to perfection; grows freely during the summer, and is fully developed by the early frost, at which time the stems are thickly set with sprouts the full length. 75 cts. per 100; $6.00 per 1000.

NOTE—We supply 250 or more of a kind at the 1000 rate.

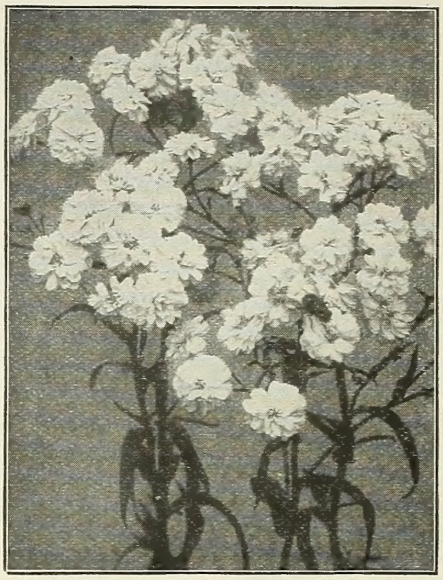
Dreer's Reliable Flower Seeds

FOR SUMMER SOWING

On the following pages we give a list of Seeds of the **Best Hardy Perennials,** which are now so deservedly popular. With little trouble you can have an abundant supply of Columbines, Canterbury Bells, Foxgloves, Gaillardias, Hollyhocks, Larkspurs, Forget-me-nots, Daisies, Sweet Williams, etc., etc., for flowering in 1923. The list also includes a choice selection of other Flower Seeds for summer sowing, such as Cinerarias, Cyclamens, Pansies, Primulas, etc.

Hardy perennials are easily grown from seed. In many cases they are a little slower than annuals, but with intelligent care they are successfully raised, and from seed is an excellent way to get up a big stock of perennials.

We will be pleased to send our customers on request a leaflet on **How to Grow Perennials from Seed,** written expressly for us by Wm. Falconer, of Pittsburgh.



ACHILLEA PTARMICA "THE PEARL"

ACHILLEA (Milfoil, or Yarrow)

PER PKT.

1021 **Ptarmica "The Pearl."** One of the best hardy white perennials. Grows about 2 feet high and from spring till frost is covered with heads of purest white double flowers. Easily grown from seed..... 25

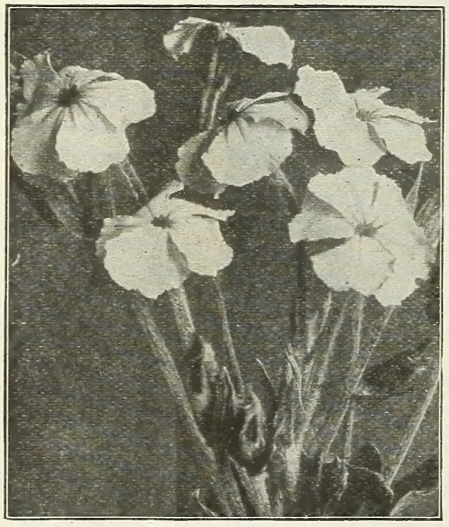
ACONITUM (Monk's Hood, or Wolfsbane

1031 **Napellus.** A hardy perennial, growing in any good garden soil, producing long spikes of curiously shaped blue and white flowers. Well adapted for planting among shrubbery or in shady corners of the garden; 3 to 5 feet.. 10

ADLUMIA

(Mountain Fringe, Allegheny Vine, or Climbing Fumitory)

1051 **Cirrhosa.** A graceful hardy biennial climber, but as it resows itself year after year, it might be considered perennial. The feathery foliage closely resembles that of the Maiden-hair Fern. The flowers are tube-shaped, flesh-colored, somewhat like the Bleeding Heart, and completely cover the plant. For covering trellises, stumps of trees, etc., it is very desirable.... 15



AGROSTEMMA CORONARIA

AGROSTEMMA

(Rose of Heaven, Mullein Pink)

PER PKT.

1090 **Coronaria.** An attractive free-flowering hardy perennial of easy culture, producing glowing crimson flowers like a single pink, and silvery white foliage; fine for cutting; 2 feet. ¼ oz., 20 cts..... 5

1091—**Alba.** A pure white variety..... 10

1093 **Flos Jovis** (*Flower of Jove*). Deep pink flowers on 12-inch high stems.... 10

ALYSSUM (Mad Wort)

Pretty little plants for edging or rockwork.

1101 **Little Gem, or Carpet of Snow.** Annual of dwarf, compact habit, but 4 inches high. Seed sown during the summer comes into bloom in a few weeks, continuing a solid mass of white to late in autumn; the best white-flowering edging plant. Per ¼ oz., 25 cts.; per oz., 75 cts..... 10

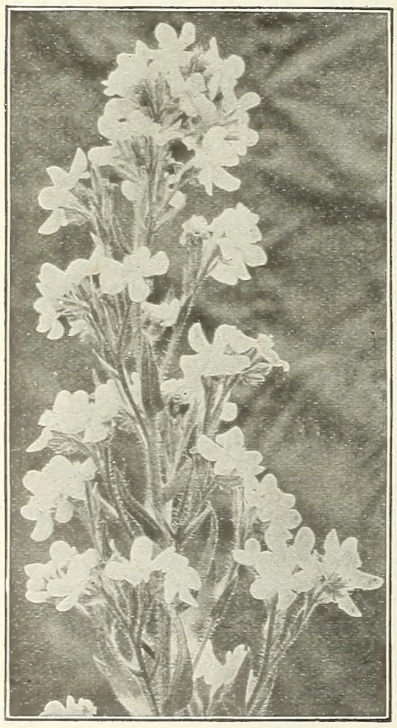
1104 **Saxatile Compactum** (*Basket of Gold*). Showy, bright yellow flowers, hardy perennial; excellent for rockwork; 1 foot. Per ¼ oz., 50 cts..... 10

AMPELOPSIS (Boston, or Japanese Ivy)

1131 **Veitchi.** A hardy perennial climber, with olive-green leaves, which turn to scarlet in the autumn. The best and most popular climber for covering brick or stone walls. Per oz., 50 cts..... 10

ANCHUSA (Alkanet)

1138 **Italica Dropmore Variety.** One of the best hardy perennials, grows 3 to 5 feet high, and bears in abundance flowers of the richest gentian-blue during May and June. ¼ oz., 50 cts..... 15



ANCHUSA ITALICA, DROPMORE VARIETY

ANTIRRHINUM THE FAWN

ANTIRRHINUM (Snapdragon)

Within the last few years Snapdragons have become immensely popular. This is not to be wondered at, as, whether used for cutting or for show in the garden, they are one of the most valuable flowers which can readily be grown from seed. We offer two distinct types, the large-flowering, tall-growing, or giant, and the equally large-flowered, half-dwarf variety. For winter flowering in the greenhouse seed is usually sown from July to September.

Giant Varieties. Of tall growth, very large individual flowers:

	PER PKT.		PER PKT.
1171 **Scarlet**	10	1174 **Garnet**	10
1172 **White**	10	1175 **Pink.** Silver pink	10
1173 **Yellow**	10	1176 **Rose.** Rich rose	10

1179 **Collection** of a packet each of the above 6 colors 50

1180 **Giant Mixed.** A splendid mixture, containing all the colors. ¼ oz., 30 cts. 10

Large-flowering Half-Dwarf Varieties. A splendid type, growing about 18 inches high, the best for bedding purposes:

1162 **Daphne.** Soft blush pink 10
1163 **Defiance.** Orange or russet red 10
1164 **Golden Queen.** Rich, pure yellow 10
1165 **Firebrand.** Rich, deep red 10
1166 **Rose Queen.** Rich rose 10
1167 **Mont Blanc.** Pure white 10
1169 **Collection** of above 6 sorts 50
1170 **Half-Dwarf Mixed.** All the colors. ¼ oz., 30 cts. 10

NEW HALF-DWARF ANTIRRHINUM—"THE FAWN"

1168 It is a real pleasure to be able to add this beautiful variety to our list of Snapdragons. The compact, bushy plants, about 18 inches high, are covered with spikes of the unusually large flowers, which are a soft amber-yellow heavily overlaid with Chamois-rose, producing a rose and gold effect that is truly beautiful, either in the garden or when cut. 15 cts. per pkt.; 2 pkts., 25 cts.

AQUILEGIA or COLUMBINE

No hardy plant grown from seed is more easily handled than the Columbine.

Seed may be sown in the open ground early in spring, and will, in most cases, bloom the same season; or they may be planted in August or September, and will come up early in spring and make vigorous plants, which will bloom abundantly during late spring and early summer.

Columbines should be planted wherever their presence will serve to lighten up a too stiff and formal planting, for no other plant has so airy a grace as the Columbine, is more generous of its blooms, or more effectively adapted for cut flowers.

PER PKT.

1181 **Californica Hybrida.** Exquisite flowers, in yellow and orange shades, all with long spurs 15

1182 **Canadensis.** This is the scarlet and yellow native species and one of the brightest 10

1183 **Chrysantha** (*Golden Spurred*). Golden-yellow. ⅛ oz., 50 cts. 10

1185 **Coerulea** (*Rocky Mountain Columbine*). Violet-blue and white; 2 feet. ⅛ oz., 50 cts 10

1197 **Nivea Grandiflora.** A beautiful large pure white. ¼ oz., 30 cts. 5

1198 **Vulgaris.** The common European Columbine, flowers rich violet-blue; a strong grower. ¼ oz., 30 cts. 5

1205 **Long-spurred Pink Hybrids.** A beautiful selection of the much wanted long-spurred pink and rose shades 25

1199 **Collection** containing a packet each of the 7 above named sorts 60

1206 **Dreer's Long-spurred Hybrids.** A beautiful strain, comprising shades and combinations of blue, white, yellow, orange, scarlet and bright rose-pink, in large flowers with long spurs. 2 pkts., 25 cts. 15

1207 **Double,** all colors mixed. Per ¼ oz., 30 cts. 5

1210 **Single,** all colors mixed. Per ¼ oz., 25 cts. 5

AQUILEGIA OR COLUMBINE

BELLIS (Double Daisy)

BALSAM (Lady's Slipper)

This favorite annual can be sown any time during the early summer, and will bloom profusely up until frost.

PER PKT.

1540 **Double Camellia Flowered.** Finest mixed. ¼ oz., 25 cts. 5

BELLIS (English Daisy)

A favorite perennial, which will stand the winter if given the protection of a little litter. In bloom from early spring until well on in the summer. Easily raised from seed, which may be sown any time from spring till August. For best results, new plants should be raised from seed each year. The following are the finest double-flowering kinds, selected after careful test out of over twenty sorts:

PER PKT.

1594 **Longfellow.** Large, double-pink flowers 10

1596 **Ranunculiflora Alba.** A splendid type, with densely double pure white flowers, not very large, but very free-flowering 15

1597 **Ranunculiflora Rosea.** Identical to the preceding except in color, which is a bright rosy pink 15

1593 **Giant White.** Each plant produces but a few flowers, but these are of enormous size, almost as big as a good-sized Aster 25

1591 **Giant Rose.** Same as the above except in color 25

1598 **The Bride, or Improved Snowball.** A fine large double free-flowering pure white 10

1595 **Double Quilled.** Double-quilled flowers in mixture, containing red, pink and white 25

1600 **Double Mixed.** A fine mixture, containing all the colors. ⅛ oz., 50 cts. .. 10

BOCCONIA (Plume Poppy, or Tree Celandine)

1611 **Cordata.** Effective, hardy perennial, for single specimens or groups on lawns. Foliage glaucous green; bears freely spikes 2 to 3 feet long of cream-colored flowers; 5 feet; easily raised from seed. ¼ oz., 25 cts. 10

ANEMONE (Windflower)

A very pleasing perennial, producing large flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors or in frame; keeping shaded till the plants appear.

PER PKT.

1140 **Coronaria. Mixed Colors** (*Poppy Anemone*) 10

1146 **St. Brigid.** A beautiful selection of the above; our seed comes from a famous Irish grower, and comprises semi-double and double flowers in a wonderful array of colors. 2 pkts., 25 cts. 15

ARABIS ALPINA

BOLTONIA (False Chamomile)

One of the showiest of our native hardy perennials, growing 4 to 6 feet high, with daisy-like flowers in countless thousands from July to September.

1615 **Asteroides.** White .. 10

1616 **Latisquama.** Lilac pink 10

ANTHEMIS (Hardy Marguerite)

1150 **Kelwayi.** A most satisfactory hardy perennial, bearing all summer daisy-like golden-yellow blossoms; excellent for cutting; 2 feet 10

ARABIS (Rock Cress)

1211 **Alpina.** A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edging; withstands the drought and is always neat; 6 inches. ¼ oz., 25 cts. 10

ARMERIA (Sea Pink or Thrift)

1221 **Formosa.** A very pretty edging plant; bearing rosy-pink flowers; hardy perennial. 2 pkts., 25 cts. 15

HARDY PERENNIAL ASTERS

1400 **Mixed** (*Michaelmas Daisies*). Single fall-flowering hardy herbaceous plants, thriving in any good garden soil; 3 feet. ¼ oz., 50 cts. 10

AUBRIETIA (Rainbow Rock Cress)

1490 **Large-flowering Hybrids.** A beautiful dwarf rock plant, covered with sheets of bright flowers in spring and early summer 15

BOLTONIA

CAMPANULAS or BELLFLOWERS

Well known, beautiful hardy herbaceous perennials, bearing a great profusion of attractive, bell-shaped flowers; thriving best in light, rich soil; some of the varieties flower the first season if sown early.

PER PKT.

1721 **Carpatica** (*Carpathian Hare Bell*). Free-flowering hardy perennial, continuing in bloom the whole season; color clear blue; grows 6 inches high; especially good for edging. ¼ oz., 50 cts. 10

1720 — **Alba.** The white-flowered form of the above. ¼ oz., 50 cts. 10

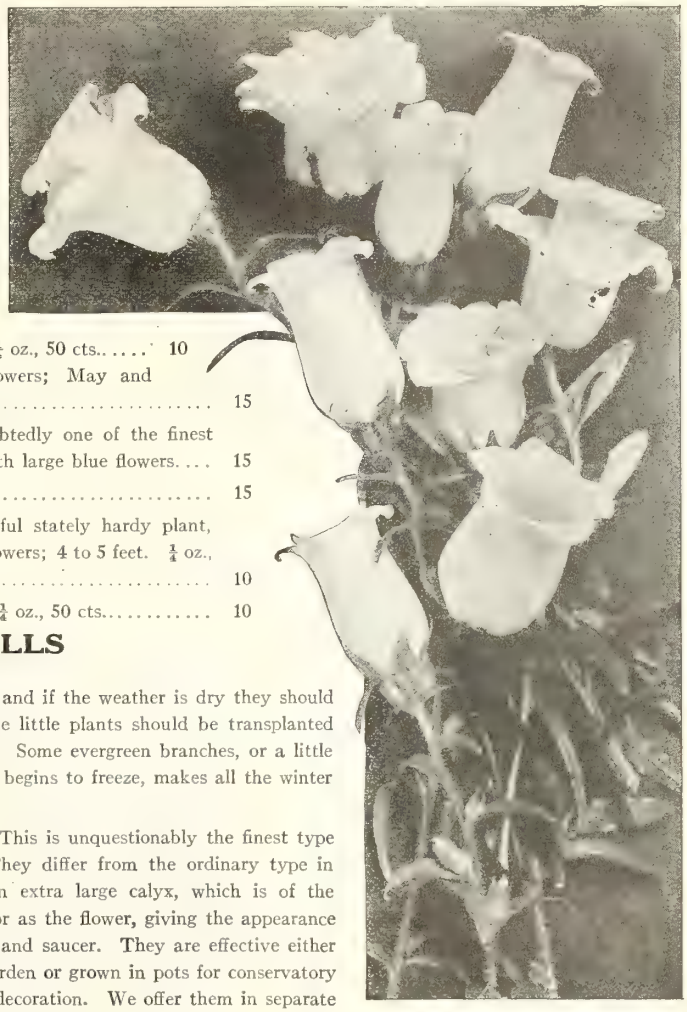
1723 **Latifolia Macrantha.** Large purplish-blue flowers; May and June; 3 feet 15

1724 **Persicifolia Grandiflora** (*Peach Bells*). Undoubtedly one of the finest of the hardy Bellflowers; grows 2 to 3 feet high, with large blue flowers. 15

1725 — — **Alba.** The white flowered Peach Bells 15

1728 **Pyramidalis** (*The Chimney Bellflower*). A beautiful stately hardy plant, either for garden or pot culture; blue salver-shaped flowers; 4 to 5 feet. ¼ oz., 50 cts. 10

1729 — **Alba.** Same as above, but with white flowers. ¼ oz., 50 cts. 10



CUP AND SAUCER AND SINGLE CANTERBURY BELLS

CANTERBURY BELLS

(Campanula Medium)

The seeds should be sown in finely prepared, rich soil, and if the weather is dry they should be given a thorough watering late every afternoon. The little plants should be transplanted to the places where they are to bloom early in October. Some evergreen branches, or a little straw or coarse hay, thrown over them when the ground begins to freeze, makes all the winter covering these plants require.

Calcyanthema (*Cup and Saucer Canterbury Bells*). This is unquestionably the finest type of this old-fashioned and much prized garden plant. They differ from the ordinary type in having an extra large calyx, which is of the same color as the flower, giving the appearance of a cup and saucer. They are effective either in the garden or grown in pots for conservatory or table decoration. We offer them in separate colors, as well as in mixture, viz.:

CAMPANULA PYRAMIDALIS

PER PKT

1736 **Rose Pink.** Delicate rosy-pink 15

1735 **Blue.** A fine clear shade 15

1738 **White.** Pure white 15

1740 **Finest Mixed.** ¼ oz., 75 cts. 10

1734 **Double-flowering Cup and Saucer.** A new race from a celebrated French hybridizer; contains all colors 25

Medium (*Single Canterbury Bells*). The old-fashioned sort with beautiful, large bell-shaped blossoms. We offer four distinct colors and mixed, as follows:

PER PKT.

1744 **Dark Blue** 10

1745 **Light Blue** 10

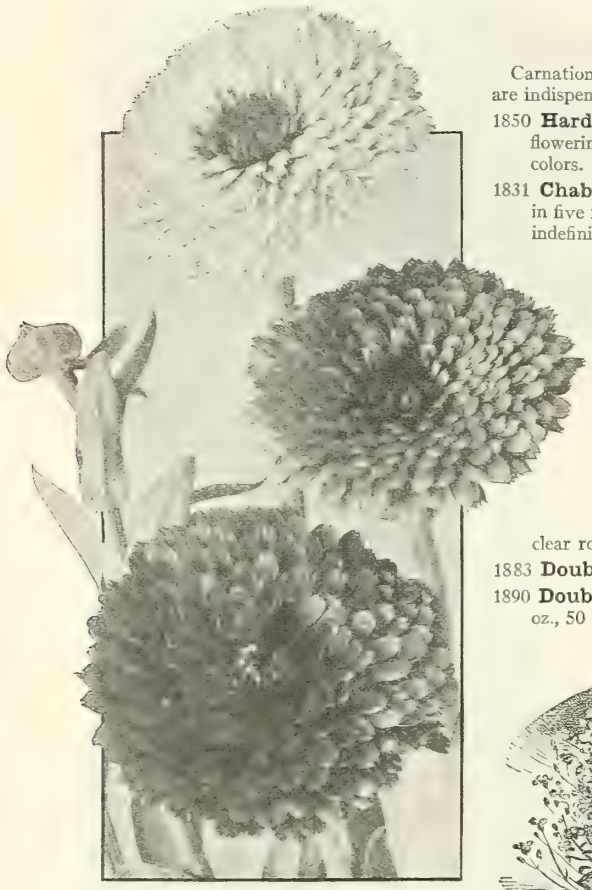
1746 **Rose** 10

1747 **White** 10

1748 **Single Mixed.** All colors. ¼ oz., 25 cts. 5

1741 **Double Mixed.** All the double-flowering Medium varieties. ¼ oz., 50 cts. .. 10

CAMPANULA CARPATICA



KING CALENDULAS

CARNATION

Carnations are general favorites for their delicious fragrance and richness of color. They are indispensable both for greenhouse culture in winter and for the garden in summer.

1850 **Hardy Border Double Mixed.** A good hardy strain for outdoor culture, flowering the second season and producing a mass of flowers in a great variety of colors. ⅛ oz., 40 cts. ..... PER PKT. 15

1831 **Chabaud's Everblooming.** Raised by a famous French specialist. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. Mixed colors 25

1820 **Marguerite Mixed.** A quick-flowering strain; double flowers in great variety of colors. ¼ oz., 40 cts. 10

1830 **Giant Marguerite Mixed.** An improved large flowering strain. ¼ oz., 50 cts. 15

CENTAUREA CYANUS (Cornflower)

These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet, etc.

1881 **Double Blue.** Identical in color to the popular single blue variety, but, being a full, double flower, it takes fewer of them to make a nice bunch, and it is better in every way. ¼ oz., 50 cts. 15

1882 **Double Rose Pink.** A splendid variety for cutting; color clear rose-pink. ¼ oz., 50 cts. 15

1883 **Double White.** Densely double pure white flowers 15

1890 **Double-flowered Mixed.** All colors, including blue, rose, white, etc. Per oz., 50 cts. 10

1904 **Montana** (*Perennial Corn Flower*). Grows 2 feet high, bearing large violet-blue flowers from July to September 15

CERASTIUM TOMENTOSUM

CERASTIUM

(Snow in Summer)

1911 **Tomentosum.** A very pretty dwarf, white-leaved edging plant, bearing small white flowers; hardy perennial 15

CALCEOLARIA

1671 **Dreer's Perfection.** An ornamental plant, producing a mass of beautiful pocket-like flowers in the spring, and a universal favorite for decorating the greenhouse or conservatory. This strain was grown for us by a celebrated Scotch specialist, and is considered the finest in cultivation; flowers beautifully spotted and blotched in exceedingly rich and varied colors; of perfect form and fine substance; the habit of the plants dwarf and compact and very free-flowering ..... PER PKT. 50

CALENDULA (Pot Marigold)

One of the best and showiest free-flowering hardy annuals, growing in any good garden soil, can be sown any time during the summer, producing a fine effect in beds or mixed borders, particularly bright in late fall; valuable also for pot culture; blooming freely in winter and early spring; 1 foot. PER PKT.

1682 **Orange King.** Very large and double bright orange-red, an extra fine strain, with flowers averaging over 3 inches across. Oz., 40 cts. 5

1684 **Golden King.** Rich golden-yellow flowers of large size and borne on long, strong stems, making it of special value for cutting. Oz., 40 cts. 5

1686 **Lemon King.** Very large and extremely double flowers of a pleasing rich lemon-yellow. Oz., 40 cts. 5

1690 **Mixed.** All double sorts. Oz., 25 cts. 5

CANDYTUFT

1753 **Giant Hyacinth-flowered or Improved Empress.** The finest of all the white varieties, being a complete mass of pure white flowers, in a pyramid of bloom. Seed sown during the summer gives a fine crop of flowers through the fall months. Per ½ oz., 35 cts.; oz., 60 cts. 10

DOUBLE BLUE CORNFLOWER

CEPHALARIA (Roundheads)

PER PKT.

1907 **Alpina.** A hardy perennial which when fully established attains a height of 6 feet, bearing in June and July delicate sulphur yellow flowers, not unlike the flowers of Scabiosa..... 10

CHEIRANTHUS

1915 **Allionii** (*Siberian Wallflower*). A very pretty biennial growing about 12 inches high with heads of brilliant orange flowers from May to midsummer. Very effective in the rockery..... 10

CHRYSANTHEMUM (Shasta and Moonpenny Daisies)

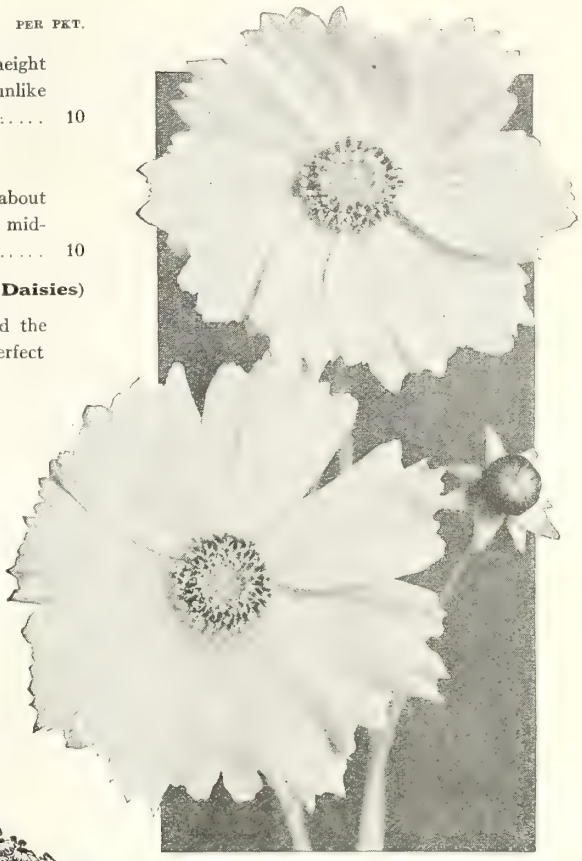
1940 **Maximum King Edward VII** (*Moonpenny Daisy*). Considered the finest of all, with flowers of extraordinary size, of purest white, perfect form, and exceedingly free-flowering. A splendid addition to this useful hardy perennial. ¼ oz., 30 cts..... 10

1948 **Shasta Daisy Alaska.** A splendid hardy perennial variety with flowers rarely less than 5 inches across, of the purest glistening white, with broad overlapping petals, and borne on long strong stems, a beautiful cut flower, remaining in good condition a week or more. 5 pkts., $1.00..... 25

1950 **Shasta Daisy Mixed.** A general mixture saved from a large number of extra choice hybrids, and certain to produce a large number of varieties of great merit. 2 pkts., 25 cts..... 15

COREOPSIS

2071 **Lanceolata Grandiflora.** This is one of the finest of hardy plants, with large, showy bright yellow flowers, produced in the greatest abundance from June till frost. As a cut flower they stand near the head among hardy plants, having long stems and lasting in good condition a week or more. Easily grown from seed, flowering the first year if sown early. (See cut.) ¼ oz., 25 cts..... 10



COREOPSIS LANCEOLATA GRANDIFLORA

CHRYSANTHEMUM SHASTA DAISY

CINERARIA DREER'S PRIZE DWARF

CINERARIA HYBRIDA

Beautiful flowering plants for the house or conservatory during the spring months.

Seed should be sown from May to September for succession. Where only one sowing is made, July should be preferred. Cinerarias grow so freely that the seedlings may go straight from the seed-pans to thumb-pots. After transplanting, place in a cold frame facing north, if possible. When the pots become full of roots, shift into larger ones till the flowering size is reached. Our prize strain is justly celebrated for all good qualities, being especially noted for size, coloring and texture.

PER PKT.

1963 **Dreer's Prize Dwarf.** Dwarf compact plants not over a foot high with immense heads of large individual flowers in a great range of beautiful colors..... 50

1964 **Dreer's Prize Tall.** Of taller growth than the above with flowers of extraordinary size..... 50

1961 **Matador.** The new large-flowering scarlet, which adds considerable life and brilliancy to a collection..... 50

1966 **Stellata** (*Star Cineraria*). A charming variety, with large spreading panicles of starry flowers in the same variety of colors as the ordinary Cineraria; the extreme grace and elegance of the plant and flowers make them wonderfully effective for the decoration of the house and conservatory, and especially so for church decoration; also useful for cutting..... 25

DREER'S GOLD MEDAL HYBRID DELPHINIUM

DELPHINIUMS or HARDY LARKSPURS

Seed may be sown any time during the summer or early autumn when weather conditions are favorable. The following spring the seedlings may be planted in permanent quarters in groups of three or more, or in large groups in the shrubbery border, or to the rear of hardy perennials, two or three feet apart. In two or three years they should be taken out, the beds heavily manured, the plants reset and more room given each plant. PER PKT.

2240 **Gold Medal Hybrids.** This is one of our most important specialties, and is unquestionably the finest strain of mixed hybrids ever offered. The original stock came from England, and consisted of the best named varieties. the plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. ¼ oz., 50 cts. 15

2218 **Belladonna** (Everblooming Hardy Larkspur). This is the freest and most continuous blooming Hardy Larkspur. The clear turquoise blue of its flowers is not equalled for delicacy and beauty. A really exquisite variety. 5 pkts., $1.00 25

2242 **Chinense** (*Blue Butterfly*). A distinct and neat variety growing about 18 inches high, with fine feathery foliage, and producing freely spikes of large blossoms of intense gentian-blue. ¼ oz., 30 cts. 10

2241 — **Album.** The white flowered form. ¼ oz., 30 cts. 10

2238 **Double Hybrids.** Finest double flowering mixed in great variety of charming colors. ¼ oz., 75 cts. 15

INVINCIBLE GIANT COWSLIP

2112 Quite distinct from the ordinary Cowslip both in the stronger growth of the plant and in the massive flowers, which are borne on stout stems 12 to 15 inches high. A bed of these in early spring presents a sight which commands the admiration of every lover of beautiful flowers. The colors range from pure yellow and orange to the deepest scarlet and crimson. 25 cts. per pkt.; 5 pkts. for $1.00.

CYCLAMEN

Charming house plants, with beautiful foliage, and rich-colored fragrant flowers; universal favorites for winter and spring blooming. Seed may be sown any time during the spring or autumn. PER PKT.

2120 **Persicum.** A very fine strain, not so large but easier to grow than the Giants; mixed colors. Per 100 seeds, $1.00 15

2122 **Giant Salmon.** Very bright 50

2124 — **Daybreak.** Soft shell-pink with deep rose eye 25

2125 — **Pure White** 25

2126 — **White** with carmine eye 25

2127 — **Dark Blood-red** 25

2128 — **Delicate Rose** with deep crimson eye 25

2130 — **Finest Mixed.** Saved from a superb collection. Per 100 seeds, $2.00 25

2123 **Butterfly.** In this type the edges of the flowers are beautifully fringed or waved; for house or conservatory decoration they are of surpassing beauty. Mixed colors 50

DELPHINIUM BELLADONNA
(Everblooming Hardy Larkspur)

HARDY GARDEN PINKS

(Dianthus Plumarius, etc.)

These varieties are well adapted for beds and borders; delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted, and make a fine edging to a hardy border.

PER PKT.

2335 **Caesius** (*Cheddar Pink*). A splendid rock plant, forming dense tufts 3 inches high and bright rosy-pink flowers in May and June..... 15

2340 **Plumarius** (*Grass Pink, Scotch Pink, or Pheasant-eye Pink*). A beautiful single hardy Pink, with fringed edged flowers of various colors. ¼ oz., 50 cts..... 10

2337 **Plumarius Fl. Pl.** (*Double Hardy Garden Pinks*). Double and semi-double varieties in beautiful colors. ¼ oz., 75 cts.. 15

2336 **Plumarius Semperflorens** (*Everblooming Hardy Garden Pinks*). Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of color..... 25

2342 **Latifolius Atrococcineus Fl. Pl.** (*Everblooming Hybrid Sweet William*). This is a cross between an annual pink and Sweet William, combining the free and continuous blooming qualities of the former with the hardiness of the latter; in color an intense velvety crimson scarlet. 2 pkts. for 25 cts.. 15

2343 **Latifolius Double Mixed.** In addition to the brilliant crimson scarlet sort offered above, this mixture contains purple, violet and rose..... 10

HARDY GARDEN PINKS

DIGITALIS (Foxglove)

DIGITALIS (Foxglove)

Handsome and highly ornamental hardy plants of stately growth, succeeding under almost all conditions, and with but little attention will give a wealth of flowers during June and July. They are now used extensively with good effect for naturalizing in shrubberies, the edge of woods and other half-shady places; 3 to 5 feet.

Gloxinaeflora. This is a fine strain of the ordinary Foxglove *D. purpurea*, with handsome spotted Gloxinia-like flowers on long spikes.

PER PKT.

2356 **Gloxinaeflora Purple.** ¼ oz., 40 cts..... 10

2357—**Rose.** ¼ oz., 40 cts..... 10

2358—**White.** ¼ oz., 40 cts..... 10

2360—**Mixed.** All colors. ¼ oz., 30 cts..... 10

2366 **Grandiflora.** Light yellow flowers in good spikes..... 10

2367 **Maculata Superba.** An extra choice strain of beautifully spotted sorts. ¼ oz., 30 cts..... 10

2370 **Monstrosa** (*Mammoth Foxglove*). Long spikes surmounted by one enormous flower; very odd; all colors mixed. ¼ oz., 40 cts..... 10

2371 **Lanata.** A distinct species, producing dense spikes, 2 to 3 feet high, of odd looking flowers; the corolla being gray, the lip creamy white..... 10

ECHINOPS (Globe Thistle)

2404 **Ritro.** Striking hardy perennial plants, with handsome silvery thistle-like foliage and fine steel-blue flowers in round heads, which can be used for cutting. Excellent for the back of the hardy border among other tall plants; 3 to 5 feet.. 10

ERYNGIUM (Sea Holly)

2421 **Amethystinum.** Handsome ornamental hardy plants, growing 2 to 3 feet high, with finely cut, spiny foliage and beautiful thistle like heads of amethystine-blue; fine for winter bouquets..... 15

FEVERFEW (Matricaria)

3121 **Capensis Alba Plena** (*Double White Feverfew*). Free-flowering plants, producing all season fine double white flowers. A fine bedding or pot plant; 18 inches..... 10

GAILLARDIA (Blanket Flower)

Hardy Perennial Varieties

The following are among the showiest and most effective hardy perennial plants, and should find a place in every hardy border. They thrive in almost any position or soil, require little or no protection and take care of themselves. Fine for cutting; 2 feet. PER PKT.

2503 **Grandiflora Kermesina Splendens.** Centre rich crimson, narrow canary-yellow border. 15

2505 **Grandiflora Copper-red.** A striking new color in this popular perennial. 3 pkts., 50 cts. 20

2510 **Grandiflora Superb Mixed.** Our own saving; splendid combinations of crimson and gold in great variety. ¼ oz., 30 cts. 10

GYPSOPHILA (Baby's Breath)

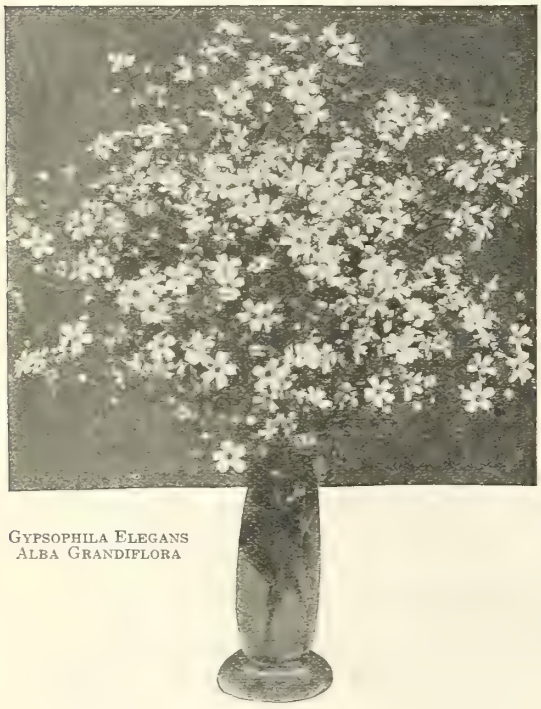
Pretty free-flowering elegant plants, succeeding in any garden soil. Their misty panicles of bloom are largely used for mixing with other cut flowers.

2691 **Elegans alba grandiflora.** This is an improved, large-flowering pure white form of the annual Baby's Breath, of free, easy growth. Can be sown at any time through the summer and a crop of flowers picked in a few weeks' time. Per oz., 25 cts. 5

2690 **Elegans Delicate Pink.** A pretty blush pink form of the above and equally as valuable for cutting. Per oz., 30 cts. 5

2694 **Paniculata.** White misty flowers, fine for bouquets; one of the favorite hardy perennials. ¼ oz., 25 cts. 5

2695 **Paniculata Fl. Pl.** The new double-flowering Baby's Breath, and one of the finest hardy plants either for cutting or the hardy border. 3 pkts. for 50 cts. 20



Gypsophila Elegans Alba Grandiflora

Gaillardia Grandiflora

PER PKT.

GOLDEN ROD (Solidago Canadensis)

2601 The well-known golden yellow favorite; hardy perennial; 2 to 5 feet. 10

GREVILLEA (Silk Oak)

2681 **Robusta.** A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed, producing good sized plants in a short time; hardy in Florida and California, where it is popular as an ornamental tree. 10

HELIANTHEMUM (Rock, or Sun Rose)

2717 **Mutabile.** Exceedingly pretty low growing evergreen plants, forming broad clumps, and which during their flowering season, July to September, are quite hidden by a mass of bloom; well adapted for the front of the border, the rockery, or a dry, sunny bank. Choice mixed varieties. 10

HELIANTHUS (Hardy Perennial Sunflowers)

2710 **Mixed.** Contains the finest single-flowering hardy perennial sorts. As subjects for the hardy border as well as for cutting they are of great value. 15

HELIOPSIS (Orange Sunflower)

2731 **Pitcheriana.** A desirable hardy herbaceous plant, growing from 3 to 4 feet high, beginning to flower early in the season, and continuing the entire summer. The flowers are of a beautiful deep golden-yellow color about 2 inches in diameter; of very thick texture and very graceful for cutting. 10

2732 **Scabra Zinniaeflora.** A new double flowering form bearing golden-yellow Zinnia-like flowers. In addition to being a very showy plant in the hardy border, it is one of the best perennial plants for cutting. 2 pkts., 25 cts. 15

NEW GIANT-FLOWERING MARSHMALLOW

HIBISCUS (Marshmallow)

Showy ornamental perennial plants for mixed beds or shrubbery borders, having large sized beautifully colored flowers. PER PKT.

2774 **Moscheutos.** Rosy-pink flowers..... 10

2772 **Crimson Eye.** Flowers of the largest size, pure white, with a large spot of velvety-crimson in the centre..... 10

NEW GIANT HIBISCUS

A wonderfully improved form of our native Marshmallow, in which flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. The colorings comprise rich dark red, soft mallow-pink and pure white; the plants grow from 5 to 8 feet high and are very floriferous, blooming from early in July until late in autumn; and are perfectly hardy. The seed we offer has been saved from our own plants.

2776 **New Giant Dark-red**..... 10

2777 — — **Mallow Pink**..... 10

2778 — — **Pure White**..... 10

2775 — — **Mixed.** All colors. ¼ oz. 25 cts..... 10

HOLLYHOCK

One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers, it is without equal.

DOUBLE VARIETIES

The seed offered under this head has been saved from the finest double flowers only, and is sure to produce satisfactory results. PER PKT.

2782 **Maroon**..... 10 | 2785 **Salmon-rose**..... 10

2783 **Bright Rose**..... 10 | 2786 **White**..... 10

2784 **Bright Red**..... 10 | 2787 **Yellow**..... 10

2788 **Collection** of a packet each of the above 6 colors..... 50

2790 **Extra Choice Double Mixed.** Contains all the colors. 40 cts. per ¼ oz..... 10

2781 **"Allegheny."** Mammoth flowers, wonderfully formed of loosely arranged fringed petals, which look as if made from the finest China silk. The colors vary from the palest shrimp-pink to deep red. The plants are of strong growth, sending up spikes 6 to 7 feet high. 30 cts. per ¼ oz..... 10

2791 **Newport Pink.** One of our own introductions, and awarded a Certificate of Merit by the Royal Horticultural Society of England, an unusual honor. It is the finest pure pink, double variety, exquisite in shade, flowers very double. ¼ oz., 60 cts..... 15

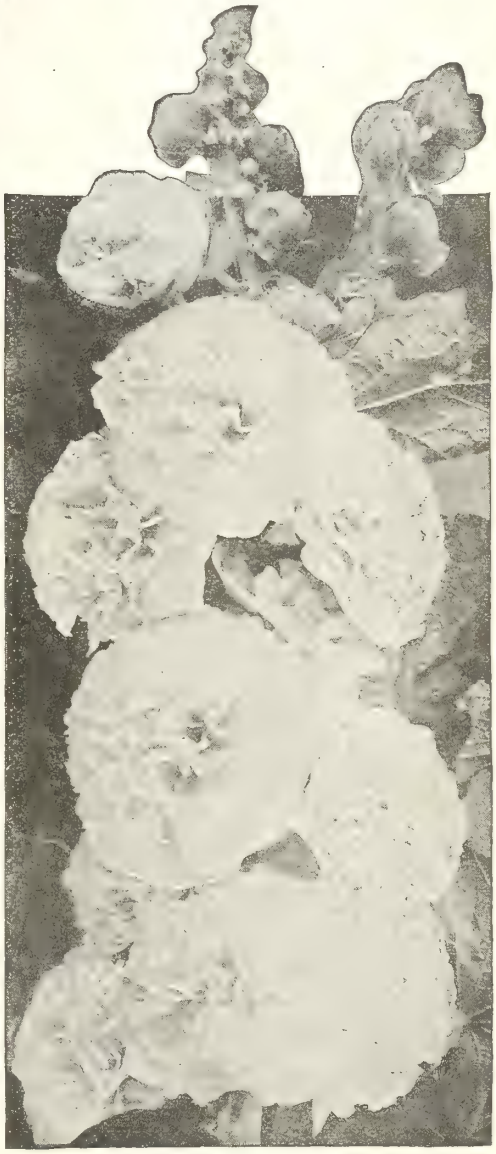
SINGLE VARIETIES

2800 **Mixed.** Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. Per ¼ oz., 30 cts..... 10

IBERIS (Hardy Candytuft)

2824 **Gibraltarica Hybrida.** White shading to lilac..... 10

2825 **Sempervirens.** A profuse white-blooming, hardy perennial, coming in flower early in the spring; much used for cemeteries, rockeries, etc.; 1 foot..... 15



NEWPORT PINK HOLLYHOCK

LATHYRUS LATIFOLIUS (Hardy Everlasting Pea)

LUPINUS (Lupine)

Polyphyllus Sorts. Effective hardy perennials, succeeding in any good garden soil; blooms in May and June; 3 feet. We offer as under:

	PER PKT.		PER PKT.
3052 **Rose**	10	3054 **Blue**	10
3053 **White**	10	3055 **Moerheimi.** Rose and pink	15

A packet each of the above 4 colors, 35 cts.

3058 **Mixed.** All colors. Oz., 30 cts. 5

NEW HYBRID HARDY LUPINES

3060 These are the result of many years of careful crossing and selecting by a celebrated English specialist, and in addition to the usual blue, white and rose colors, contain many unusual lilac, pink, purple, yellow and other tints. This strain received an Award of Merit from the Royal Horticultural Society of England. 25 cts. per pkt.; 5 pkts. for $1.00.

LYCHNIS

(Rose Campion, Jerusalem Cross)

Handsome hardy perennial plants of easy culture, for massing in beds and borders; blooming the first year if sown early.

3061 **Chalcedonica.** Fine scarlet flowers; 2 feet. ¼ oz., 25 cts. 5

3068 **Viscaria Splendens.** Bright rose-red, very showy. 1 foot 10

LYTHRUM (Loose-strife)

3071 **Roseum Superbum.** A very pretty hardy perennial; grows about 3 feet high, and produces spikes of rosy flowers from July to September 10

LATHYRUS (Everlasting, or Hardy Sweet Peas)

Showy, free-flowering hardy perennial climbers for covering old stumps, fences, etc., continually in bloom; fine for cutting. PER PKT.

2954 **Latifolius "White Pearl."** The finest white 15

2955 — **Pink Beauty.** Rosy pink 10

2960 — **Mixed.** All colors. Per oz., 60 cts. 10

LAVENDER (Lavandula Vera)

2971 Well-known, sweet scented, hardy perennials, should be extensively grown in the mixed border; 3 feet. ¼ oz., 25 cts. 10

LIATRIS (Blazing Star, or Gay Feather)

2982 Most showy and attractive hardy perennial native plants, with long spikes of purple and rosy purple flowers from July to September; 3 to 4 feet; mixed varieties 10

LINARIA

2991 **Cymbalaria** (*Kenilworth Ivy, or Mother of Thousands*). Lavender and purple. A charming, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock work 15

LINUM (Flax)

3003 **Perenne.** Hardy perennial variety, with bright blue flowers; 18 inches. ¼ oz., 25 cts. 10

LOBELIA

3031 **Cardinalis** (*Cardinal Flower*). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plants; 3 feet 15

LUPINUS POLYPHYLLUS

MARIGOLD

These favorite free flowering annuals can be sown up to the end of July and will give a good crop of flowers within 8 weeks.

3088 **Collection Double African.** Containing a packet each of 6 fine varieties, 50 cts. PER PKT.

3090 **Double African Mixed.** Containing all of the colors; 2 to 3 feet. Per ¼ oz., 25 cts. 5

3098 **Collection Double French.** Containing a packet each of 6 beautiful varieties, 40 cts.

3100 **French Mixed.** A splendid mixture saved from fine double flowers; all colors. Per ¼ oz., 25 cts. 5

MIGNONETTE (Reseda)

A well-known fragrant favorite, and no garden is complete without a bed of Mignonette; sowing made in April and again in July will keep up a succession from early summer until frost; can also be grown in pots for winter and early spring flowering.

3152 **Defiance.** When grown under favorable conditions spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant. The individual florets are of immense size, forming a graceful as well as compact spike. Of extraordinary keeping qualities, retaining their grace and fragrance until every bud opens. ¼ oz., 25 cts. 10

3153 **Golden Machet.** Distinct variety of Machet, with massive spikes of golden-yellow blossoms. ¼ oz., 25 cts. 10

3154 **Red Goliath.** Of strong, yet compact habit, with rich green foliage; the giant trusses of flowers being borne on erect, strong, stiff stalks, and surpassing all others in brilliancy of color; especially suited for house culture. ¼ oz., 50 cts. 15

3158 **Machet.** Of dwarf pyramidal growth, bearing numerous flower stalks, highly colored and very fragrant; one of the best. ¼ oz., 25 cts. .. 10

3162 **Salmon Queen.** Strong, robust habit, with fine spikes of bright salmon-red flowers, intensely fragrant; fine for outdoor culture. ¼ oz., 25 cts. 10

3164 **White Goliath.** This splendid white variety has the same massive spikes of bloom as the red sort. ¼ oz., 50 cts. 15

3163 **Sweet-scented** (*Reseda Odorata*). The old variety with small spikes, but very sweetly scented. Per oz., 20 cts. 5

3169 **Collection** of above 7 varieties of Mignonette 60

NEMESIA

3401 **Dwarf Large-flowering Hybrids.** A very pretty annual, which does best in a cool position; the plants grow about a foot high, and the orchid-like flowers are very varied in color, including rose, yellow, blue, orange, etc. 2 pkts., 25 cts. 15

Goliath Mignonette

MYOSOTIS (Forget-Me-Not)

Few spring flowers are more admired than the lovely Forget-Me-Nots, which are especially effective when grown in masses. Perennials and hardy if given slight protection through the winter. Seed may be sown any time during the summer. The Alpestris varieties and Dissitiflora come into bloom in April, and are largely used for bedding or borders in connection with spring-flowering bulbs, Pansies, etc. The Palustris sorts do not bloom till May, but continue till fall.

PER PKT.

3231 **Alpestris Royal Blue.** Rich indigo-blue flowers. The finest and most effective dark blue variety; 9 inches. ¼ oz., 40 cts. 10

3233 — **Robusta Grandiflora.** Of strong, sturdy growth, about 10 inches high, with good heads of clear Forget-Me-Not blue flowers. ¼ oz., 40 cts. 10

3235 — **Victoria.** A favorite sort, with fine heads of large, clear, azure-blue flowers; plants bushy and compact; makes a fine edging or bed. ... 10

3239 — **Mixed.** A mixture of blue, rose and white-flowered varieties. Per ¼ oz., 30 cts. 5

3238 **Palustris Semperflorens.** An everblooming variety, beginning to flower in May and continuing till autumn. Large, clear, blue flowers in pretty sprays. 2 pkts. for 25 cts. 15

Myosotis (Forget-Me-Not)

OENOTHERA (Evening Primrose)

The evening Primroses are elegant hardy plants for growing in an exposed sunny position, either in the border or on the rockery, blooming the greater part of the summer.

3435 **Missouriensis.** Large golden-yellow flowers. 1 foot 10

3437 **Speciosa.** Pure white flowers 3 inches across; 18 inches 10

TYPICAL FLOWER OF DREER'S ROYAL EXHIBITION PANSY

Dreer's Perfect Pansies

PANSIES are too well known to require any description as they are favorites with all. For best results you must start with a good strain. The finest Pansies are, as a rule, shy seeders, which accounts for the difference in the price of the various mixtures offered.

Miss Ida D. Bennett, the well-known horticultural author and enthusiastic admirer of Pansies, writes the following notes on their culture expressely for this book:

"Pansy seed germinates and the plants grow more freely in the cool, early days of spring, and for summer-blooming should be sown by the latter part of April, or early in May, in the vicinity of Philadelphia. A soil containing a proportion of leaf mould, well enriched with well-decayed cow manure, will be the most satisfactory for the growing of this flower, and it should be well dug and made fine and level.

"Sow the seeds in drills, covering them not more than four times their diameter and firming the soil well above them. The seeds germinate in from eight to twelve days, and should not be allowed to dry out during this period. Covering the seed bed with newspapers will prevent this and hasten somewhat the period of germination.

"As soon as the plants are up and large enough to handle, they should be thinned out or transplanted to stand nine inches apart in the rows. Thorough cultivation should be given from the start, as Pansies will not thrive when obliged to share the beds with a mass of weeds.

"It is a mistake to plant Pansies in the shade of a tree or buildings. An open exposure, where the wind has a free sweep over the bed is far better, and Pansies so planted are free from the long, straggling branches which produce few and inferior flowers. During dry weather the bed should be watered daily, and in extreme cases twice a day for the best results.

"Seed sown in April or May will produce blooming plants by the last of June, which will give an abundance of flowers throughout the remainder of the season. About the middle of August is the best time for starting Pansy seeds for early spring blooming, as this allows the plants to go into winter in vigorous condition."

PANSIES IN MIXTURE

PER PKT.

3510 **Dreer's Royal Exhibition.** This strain comprises a beautiful collection of colors and markings and is our finest mixture, both as regards size, texture and colorings. Special packets of 2000 seeds, $1.50 regular packet.... 50

3514 **Dreer's Premium.** This mixture comprises a large number of colorings and is intended to supply the want of a first-class mixture at a moderate price. ⅛ oz., $1.00.... 25

3516 **Masterpiece** (*Frilled Pansy*). A remarkable type, each petal being conspicuously curled or waved. The range of color is very extensive, the rich, dark, velvety shades predominating. ⅛ oz., $1.00..... 25

3500 **Giant Trimardeau.** All colors. Per ¼ oz., 75 cts... 10

PER PKT.

3512 **Cassier's Giant.** A grand mixture of the finest blotched varieties; splendid in every way, being large in size and rich in coloring. ⅛ oz., $1.00..... 25

3517 **Mme. Perret.** A new and beautiful strain; originated with a French specialist; flowers of large size, borne very freely in great diversity of colors, especially rich in red and wine shades. The stock we offer comes direct from the introducer. ⅛ oz., 75 cts..... 25

3513 **Giant Parisian.** Of very large size and containing a great many fancy colors. ⅛ oz., 75 cts..... 15

3515 **English Finest Mixed.** ¼ oz., 75 cts..... 10

3520 **Good Mixed.** All colors. ¼ oz., 50 cts..... 5

GIANT TRIMARDEAU PANSIES

We have discarded the ordinary Pansies in separate colors in favor of this type which produces very large flowers, plants of strong, robust growth and well adapted to the trying conditions of our climate.

PER PKT.

3488 **Giant Golden Queen.** Pure, rich yellow..... 15

3493 **Giant Royal Purple.** Rich, royal blue..... 15

3491 **Giant Lord Beaconsfield.** Deep purple violet, shading to white..... 15

PER PKT.

3496 **Giant Snow Queen.** Pure white, small yellow eye.. 15

3497 **Giant White.** Pure white, with purple eye..... 15

3498 **Giant Yellow.** Rich yellow, with dark centre..... 15

3499 **Collection** containing a packet each of the above 6 sorts, 75 cts.

TUFTED PANSIES, OR VIOLAS

While the flowers of the Tufted Pansies are not so large as the regular type, yet they bloom so freely that they are superior to pansies where *effect* is wanted, the colors being particularly clear and distinct; they also bloom for a longer time. Seed sown in April produces flowering plants by June, and from then on until frost they are a sheet of bloom.

PER PKT.

4401 **Papilio** (*Butterfly Violet*). Lovely violet-lilac, with small, dark eyes..... 15

4402 **Lutea Splendens.** Rich golden yellow..... 15

4403 **Blue Perfection.** Deep purplish blue..... 15

PER PKT.

4405 **White Perfection.** A fine pure white..... 15

4410 **Mixed.** A splendid mixture of the best varieties. ¼ oz., 75 cts..... 10

PENTSTEMON (Beard Tongue)

Highly useful and attractive perennials in the hardy border.

PER PKT.

3532 **Gloxinioides "Sensation."** As a bedding plant this takes rank with the Petunia, Phlox, etc., etc. It grows about 2 feet high, every branch being a spike of large, Gloxinia-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc. 2 pkts., 25 cts. 15

3533 **Barbatus Torreyii.** Spikes of brilliant coral red, very effective; June to August; 3 to 4 feet 10

3540 **Mixed.** A great variety of kinds and colors 10

PHYSALIS

(Chinese Lantern Plant)

3646 **Francheti.** An ornamental plant, forming dense bushes about 2 feet high, producing freely its bright-orange-scarlet lantern-like fruits; highly interesting .. 10

PHYSOSTEGIA

(False Dragon Head)

3651 **Virginica.** One of the prettiest hardy perennials, and gaining in popularity as it becomes better known. It forms dense bushes, 3 to 4 feet high, bearing freely during the summer months spikes of delicate pink tubular flowers not unlike a gigantic heather 10

3652 — **Alba.** A pretty white-flowered form of the above .. 10

ICELAND POPPIES

ORIENTAL POPPY

PHYSOSTEGIA

ORIENTAL POPPIES

Oriental Poppies can be sown any time during the summer and early autumn. The plants disappear during July and August, appearing again as soon as the weather gets cool. When this fall growth starts is the time they should be transplanted to their permanent flowering quarters. It is well to mark the places they are planted with a stake to insure the roots against disturbance during their annual resting period.

PER PKT

3747 **Orientale** (*The Large Oriental Poppy*). A charming summer-flowering hardy plant, producing numerous leafy stems about 2½ feet high, with large deep crimson flowers; having a conspicuous black blotch on each petal, exceedingly showy. ¼ oz., 40 cts. 10

3741 — **Oriflamme.** A gorgeous orange-scarlet 15

3744 — **Princess Victoria.** A beautiful salmony-pink 15

3750 **Oriental Mixed Hybrids.** Saved from a large number of named sorts, embracing all of the colors. ¼ oz., 50 cts. 15

ICELAND POPPIES (Papaver Nudicaule)

While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. They are of graceful neat habit, with bright green fernlike foliage, formed in tufts, from which issue slender stalks about 12 inches high, bearing their brilliant flowers in endless profusion; most useful for cutting, for which purpose pick when in bud, and, if the seed pods are picked off, continue in flower the entire season. They remain evergreen throughout the winter, coming into bloom early the following spring.

3733 **Bright Yellow** 10

3734 **Pure White** 10

3736 **Orange Scarlet** 10

3740 **Finest Mixed.** All colors. ¼ oz., 40 cts. 10

3738 **New Hybrid Iceland.** The latest development in this lovely species, varying in color from sulphur yellow through different shades of orange to chamois and salmony-rose, some of which are very striking 15

PLATYCODON JAPONICUS FL. PL.

PUERARIA
(Japanese Kudzu Vine)

PER PKT.

3835 **Thunbergiana.** To this must be awarded first place as the fastest growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it has become established there seems to be no limit to its growth, 50 feet in a single season being not unusual. Its foliage is large and covers well; it bears small recemes of rosy-purple, pea-shaped blossoms towards the close of August. A splendid subject for covering permanently verandas, dead trees, etc. ¼ oz., 25 cts.... 10

PLATYCODON GRANDIFLORUM

POLEMONIUM (Jacob's Ladder)

PER PKT.

3671 **Coeruleum.** Popular hardy perennial border plant, with bell-shaped bluish-purple flowers nearly 1 inch across; 2 feet; May to July.... 10

POTENTILLA (Cinquifoil)

Charming hardy perennial plants for the border, with brilliant single or double flowers, mostly in orange, red and crimson tones, that are produced in profusion from June to August; succeeds in any soil; 18 inches.

3775 **Double Hybrids.** All colors..... 25

3776 **Single Hybrids.** Many colors..... 15

POLEMONIUM

PLATYCODON
(Balloon Flower, or Japanese Bellflower)

One of the best hardy perennials, producing very showy flowers during the whole season. They form large clumps, and are excellent for planting in permanent borders or among shrubbery; easily raised from seed.

PER PKT.

3663 **Grandiflorum.** Large steel blue flowers. ¼ oz., 40 cts..... 10

3664 — **Album.** Pure white variety..... 10

3662 **Mariesi.** Large, open, bell-shaped flowers of a rich violet-blue; plant dwarf and compact. ¼ oz., 50 cts.... 10

3661 **Japonicus Fl. Pl.** (*Double Japanese Bellflower*). Large, glossy deep-blue flowers. The inner petals alternate with the outer ones, giving the flower the appearance of a ten-pointed blue star. 2 pkts., 25 cts..... 15

PYRETHRUM HYBRIDUM

PYRETHRUM

Too much cannot be said in favor of this grand hardy perennial, which will thrive in any good garden soil where there is good drainage and full exposure to the sun.

3846 **Hybridum Single Mixed.** Hardy perennial, bearing large Daisy or Cosmos-like flowers, ranging in color from white to deep red, with bright yellow centers; blooms in May and June, and again in the fall; and is one of the most graceful and long-lasting cut flowers. Per ¼ oz., 75 cts..... 10

3847 **Hybridum Grandiflorum.** A large flowering form of the above; mixed colors..... 15

3845 **Hybridum Fl. Pl.** Seed saved from the finest double flowers; only a small percentage can be expected to come double the first year; mixed colors; 1½ feet..... 25

PRIMULA OBCONICA GRANDIFLORA

PRIMULA OBCONICA

These are of the easiest culture in greenhouse or light window of dwelling house, flowering abundantly and continuously with little care. Should be sown in good porous loam, they will not germinate well in any compost containing peat or leaf mould. To develop the colors to the highest degree, grow in heavy soil, and at a temperature as near 60 degrees as possible.

PER PKT.

3811 **Obconica Gigantea Kermesina.** Rich crimson..... 25

3812 — — **Rosea.** Pure rose color..... 25

PER PKT.

3815 — — **Mixed.** All colors..... 20

3816 — **Grandiflora alba.** Pure white..... 20

3817 — — **Kermesina.** Bright crimson..... 20

3818 — — **Rosea.** Beautiful clear rose..... 20

3819 — — **Appleblossom.** Soft pink..... 20

3820 — — **Mixed.** All colors..... 15

VARIOUS PRIMROSES

3824 **Kewensis.** This variety is most attractive, with pleasing bright yellow flowers borne on long stems. It is delightfully fragrant and stands well as a house plant.... 25

3826 **Malacoides** (*Improved Baby Primrose*). A fine house plant, flowers delicate lilac..... 25

3827 — **Alba.** A new white-flowering form..... 25

3828 — **Rosea.** A beautiful bright rose variety..... 25

HARDY PRIMROSES

These are among the best of the early spring-blooming plants. With a slight protection they will stand the winter, but will do better if protected by a cold frame.

1500 **Auricula.** A well-known favorite of great beauty; seed saved from splendid choice-mixed varieties; 6 inches..... 25

3825 **Japonica** (*Japanese Primrose*). Bright and showy flowers; borne in whorls on stems 6 to 9 inches long; mixed colors..... 15

2112 **Invincible Giant Cowslip.** Mixed colors..... 25

3677 **Invincible Giant Polyanthus.** Mixed colors..... 25

PRIMULA (Primrose)

The charming and beautiful Chinese fringed Primroses and Obconica varieties are indispensable for winter or spring decorations in the home or conservatory. They are one of the most important winter-blooming pot plants. The seed we offer is of the highest merit, and has, as usual, been saved from the best strains obtainable. Florists and others report that they have never seen finer flowers than those produced from our seed. Can be sown at any time through the summer. The hardy varieties offered are also deserving of wide cultivation.

DREER'S "PEERLESS" Large Flowering Chinese Primroses

An extra choice free-flowering strain, flowers of largest size and beautifully fringed.

PER PKT.

3785 **Peerless White.** Pure white..... 35

3787 — **Pink.** Soft pink..... 35

3783 — **Scarlet.** Rich scarlet..... 35

3786 — **Crimson.** Rich luminous crimson..... 35

A packet each of the above 4 sorts for $1.00

PRIMULA MALACOIDES (Improved Baby Primrose)

3800 **Peerless Mixed.** This mixture contains nothing but the finest-fringed large-flowering sorts, and cannot fail to give entire satisfaction..... 25

3791 **Giant Flowering.** This magnificent strain is quite distinct, being of more robust growth and producing immense trusses of extra large, finely fringed flowers in many new and novel colors; as a pot plant for the house or conservatory this is unequalled. 3 pkts. for $1.00..... 35

LARGE-FLOWERING CHINESE PRIMROSE

SCHIZANTHUS (Butterfly or Fringe Flower)

SCHIZANTHUS (Butterfly or Fringe Flower)

This is one of the airiest and daintiest flowers imaginable. The seeds germinate quickly and come into bloom in a few weeks from sowing. The florescence is such as to completely obscure the foliage, making the plant a veritable pyramid of the most delicate and charming bloom. The Schizanthus make admirable pot plants for the house in late winter and early spring. For this purpose sow in the autumn.

PER PKT.

3967 **Dwarf Large-flowered.** A splendid type, forming compact pryamidal plants a foot high, literally covered with large, beautiful, orchid-like flowers in a bewildering range of color. ¼ oz., 50 cts. 15

3968 **Wisetonensis.** A variety largely used as a pot plant for the house or conservatory. It is remarkably free-flowering, and presents a beautiful appearance with its myriads of blooms, the ground color of which is white, dotted with delicate rose. 25

SILENE (Catchfly)

The varieties offered below are very pretty hardy perennials, well adapted for the rockery or the front of the hardy border.

3977 **Alpestris.** Glistening white flowers in July and August. 4 in. 15

3978 **Schafta.** (*Autumn Catchfly*). A charming border or rock plant, growing from 4 to 6 inches high, with masses of bright pink flowers from July to October. 15

SMILAX

(Myrsiphyllum Asparagoides)

3981 In many respects Smilax is the most useful, and it is certainly one of the most graceful climbers which adorns the greenhouse or conservatory; for bouquets and floral decorations it is indispensable. ¼ oz., 30 cts. .. 10

ROSMARINUS (Rosemary)

PER PKT.

3895 **Officinalis.** An old favorite aromatic herb, delightfully fragrant, flowers light blue, grows about 2 feet high, should be planted in a warm dry situation, and given a little protection. ¼ oz., 25 cts. 10

SAPONARIA OCYMOIDES

RUDBECKIA (Cone Flower)

3902 **Newmani.** One of the finest of autumn-flowering perennials, bearing large flowers. Bright orange-yellow petals; surrounding a large black cone. 15

3903 **Purpurea** (*Giant Purple Cone-Flower*). A most interesting hardy perennial, producing all summer large, showy reddish-purple flowers, about 4 inches across. 10

SAPONARIA (Bouncing Bet)

3939 **Caucasica flore pleno** (*Double-flowering Bouncing Bet*). A hardy perennial sort with white tinted rose, double flowers, produced all summer and fall; 15 inches. 10

3911 **Ocymoides.** Very showy hardy perennial rock plant, producing during the summer months masses of small, bright rose flowers; 9 inches. 10

RUDBECKIA NEWMANI

MAMMOTH BEAUTY STOCKS

A magnificent recently developed strain of early-flowering Winter or Brompton Stocks, forming much-branched plants about 2 feet high and having numerous spikes of very large, double, delightfully fragrant flowers; they are of special value as pot plants for greenhouse decoration and for cutting during the dull winter months; for this purpose seed should be sown from July to September.

PER PKT.

4043 **Beauty of Nice.** Delicate flesh-pink..... 15
4044 **Crimson King.** Rich blood-crimson..... 15
4045 **Mont Blanc.** Purest white..... 15
4046 **Monte Carlo.** Canary-yellow..... 15
4047 **Queen Alexandra.** Soft rosy-lilac..... 15
4048 **Summer Night.** Rich deep blue..... 15
4049 **Collection** of a packet each of above 6 sorts..... 60
4050 **Choicest Mixed.** All colors. ⅛ oz., 75 cts..... 10

Stocks Mammoth Beauty

CUT-AND-COME-AGAIN STOCKS

Splendid perpetual-blooming class; they throw out numerous side branches, all bearing very double, fragrant flowers.

PER PKT.

4031 **Princess Alice.** White..... 15
4032 **La France.** Rose 15
4033 **Brilliant.** Blood-red..... 15
4034 **Sapphire.** Dark blue..... 15
4035 **Creole.** Creamy yellow..... 15
4036 **May Queen.** Delicate lilac..... 15
4039 **Collection of a** packet each of the 6 colors..... 60
4040 **Finest Mixed** All colors. ⅛ oz., 75 cts..... 10

Stokesia (Cornflower Aster)

STATICE

(Sea Lavender)

Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute flowers, which can be dried and used for winter bouquets.

PER PKT.

3997 **Latifolia.** Purplish-blue flowers..... 10
4000 **Mixed.** Containing many sorts..... 10

STOKESIA

(Cornflower Aster)

4051 **Cyanea.** A beautiful hardy perennial. Grows about 24 inches high, bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms; in bloom from July till frost. One of the choicest subjects for the hardy border, and indispensable for cutting. ¼ oz., 40 cts..... 10
4060 **Cyanea Mixed.** Containing many new colors. Per ¼ oz., 50 cts..... 15

Sweet Rocket

SWEET ROCKET

(Hesperis)

4280 Old fashioned garden plant; also known as Dame's Rocket and Dame's Violet; grows from 2 to 3 feet high, and bears spikes of showy white, lilac and purple fragrant flowers. Excellent for naturalizing among shrubbery or for planting in a permanent border; mixed colors. (See cut.) Oz., 50 cts..... 5

COLLECTION OF OLD-FASHIONED HARDY PERENNIALS

3549 A packet each of twelve splendid sorts, our selection, 50 cts.

SWEET WILLIAM (Dianthus Barbatus)

A well-known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous, young plants from seed every season than to divide the old plants. PER PKT.

4282 **Newport Pink.** A distinct new color which originated in one of the far-famed gardens at Newport, R. I. In color it is what florists call watermelon-pink or salmony-rose. Strikingly brilliant and beautiful; the flowers are borne in massive heads on stems 18 inches high. For mid-season mass bedding it has no equal. It is also very effective for cutting. 2 pkts., 25 cts. 15

4281 **Scarlet Beauty.** A very effective, rich, deep scarlet variety. 2 pkts., 25 cts. 15

4291 **Holborn Glory.** This strain is a large-flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams. The individual flowers and trusses are of extraordinary size, while the range of color, all showing a clear, white eye is truly superb. ¼ oz., 25 cts. 10

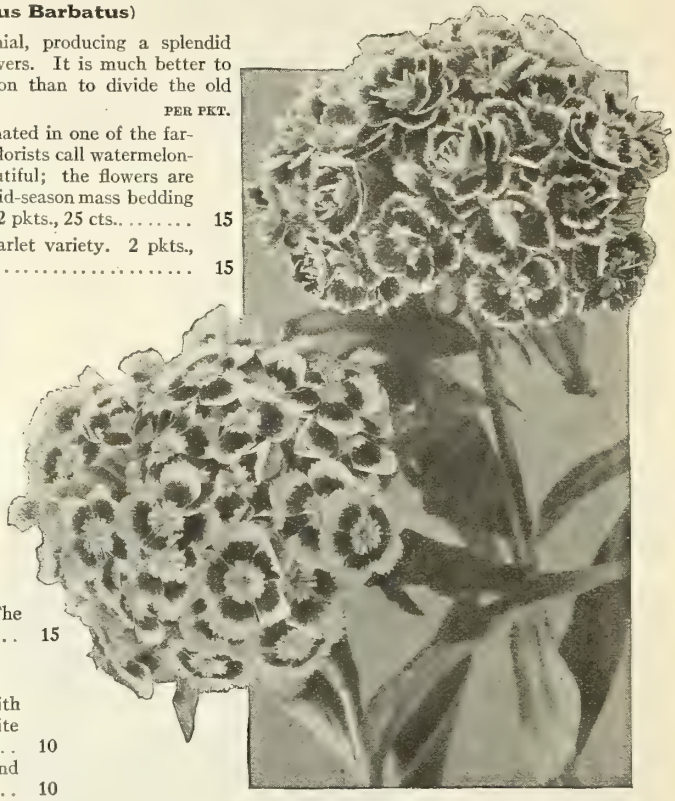
4286 **Single Velvety Maroon** 10

4288 — **White** 10

4290 **Single Mixed.** All colors. ¼ oz., 20 cts. 5

4297 **Double Mixed.** All colors. ¼ oz., 30 cts. 10

4296 **Giant Double.** A decided improvement. The plants are of robust, bushy habit, producing numerous stems, surmounted by immense umbels of full, double flowers, many of the individual flowers measuring over one inch in diameter. The colors are extremely varied. ¼ oz., 50 cts. 15



Double and Single Sweet William

THALICTRUM (Meadow Rue)

4304 **Adiantifolium.** A beautiful hardy perennial; with foliage like the Maiden-hair Fern and miniature white flowers in June and July 10

4305 **Aquilegifolium.** Elegant, graceful foliage and masses of purplish flowers. 3 feet 10

Thalictrum (Meadow Rue)

TRITOMA

(Red-hot Poker, Flame Flower, or Torch Lily) PER PKT.

4330 **Hybrida.** The introduction of new, continuous flowering Tritomas has given them a prominent place among hardy bedding plants. The seed we offer has been saved from a fine collection. 2 pkts., 25 cts. 15

TUNICA

4335 **Saxifraga.** A neat, tufted hardy perennial plant, growing but a few inches high, and bearing throughout the entire season numerous elegant pink flowers. Will thrive anywhere, but is especially adapted for the rockery or the margin of the hardy border 10

VALERIANA (Valerian)

4340 **Rubra, Mixed.** Showy, hardy border plants; producing large corymbs of red or white flowers; fine for bouquets; mixed, 2 feet. ¼ oz., 25 cts. 10

WALLFLOWER

Well-known deliciously fragrant half hardy perennials, blooming early in the spring, with spikes of beautiful flowers. They should be protected in a cold frame in the winter and planted out in April.

4415 **Paris Extra Early.** A beautiful single variety, which may be treated as an annual. ¼ oz., 25 cts. 10

4414 **Goliath.** A splendid single variety; flowers of a rich, shining red, with a black velvety sheen 10

4420 **Single Mixed.** All colors. ¼ oz., 20 cts. 5

4430 **Double Finest Mixed.** 2 pkts. for 25 cts. 15

4419 **Collection** of Single Wallflower; 6 colors 40

COLLECTION OF SEEDS

Of Old-fashioned Hardy Perennials

3549 This collection is made up of a packet each of twelve of the most popular, hardiest and easiest grown sorts, including Columbine, Larkspur, Foxglove, Sweet Rocket, Sweet William, etc. 50

DREER'S RELIABLE BULBS

FOR WINTER AND EARLY SPRING FLOWERING

We offer on this and the following eight pages a list of the more important bulbs for blooming during the late winter and early spring months. Most of these bulbs are grown in Europe, and as conditions are again normal, we should receive our supplies by the middle of September, and at prices even lower than last year.

☞ **Send in your order now and the bulbs will be forwarded as soon as they reach us.**

Our complete Catalogue of Spring-flowering Bulbs will be sent out as usual during the first days of September.

DREER'S MIXED DUTCH HYACINTHS

We offer two grades of mixtures—our "Rainbow" and "Popular." Both are good, and we feel confident that nothing better can be had at the prices quoted. We recommend the single-flowering sorts as giving the best and most uniform results.

"RAINBOW" MIXTURE

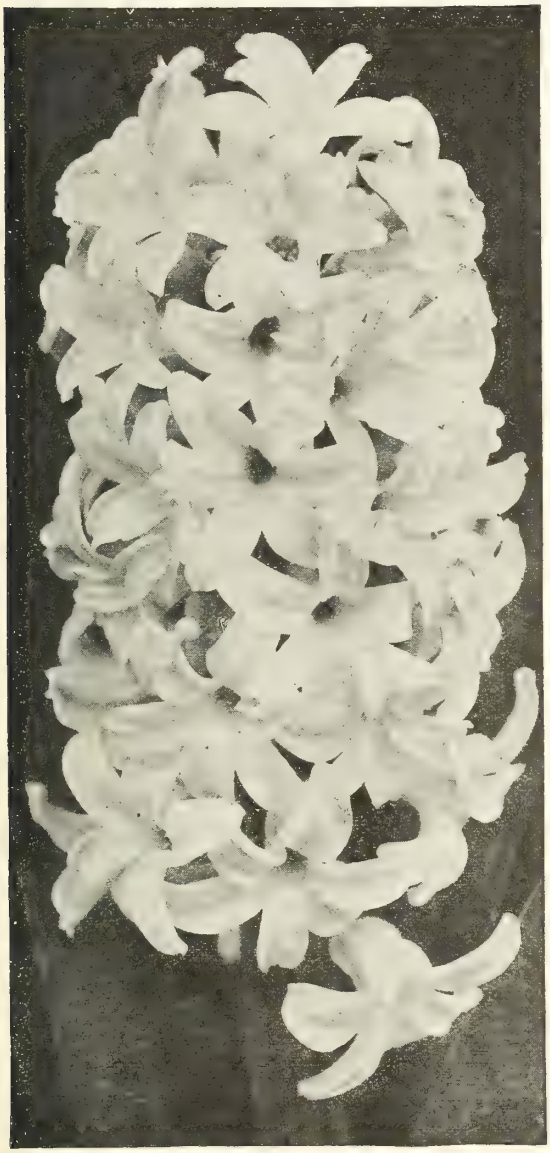
The finest grade of mixtures imported. We can supply them in Single or Double in the following colors: Dark Red, Rose, Pure White, Blush White, Light Blue, Dark Blue, Yellow.
10 cts. each; $1.00 per doz.; $6.50 per 100; $60.00 per 1000.

"POPULAR" MIXTURE

A very good grade and quite satisfactory for outdoor planting. Can be supplied in Single or Double: Dark Red, Rose, Pure White, Blush White, Light Blue, Dark Blue or Yellow.
8 cts. each; 75 cts. per doz.; $5.00 per 100; $45.00 per 1000.

DUTCH ROMAN OR MINIATURE HYACINTHS

These are small bulbs of the single-flowering Dutch Hyacinths, and excellent for growing in pans, pots or boxes, blooming early and freely. They may be planted close together in the pans, pots or boxes, or in beds in the open ground, with charming effect.



SINGLE DUTCH HYACINTHS

Gertrude. Deep rose.

Gigantea. Soft blush or shell pink.

La Victoire. Brilliant rosy-crimson.

Grandeur a'Merveille. Blush white.

La Grandesse. Snow white.

L'Innocence. Purest white.

Grand Maitre. Deep porcelain-blue.

King of the Blues. Rich, deep blue.

Queen of the Blues. Silvery azure-blue.

Price: Any of the above named varieties, 6 cts. each; 60 cts. per doz.; $4.00 per 100; $32.00 per 1000.

If wanted by Parcel Post, add postage in accordance with note at foot of page.

Dreer's Prize Winning Collection of Exhibition Hyacinths

While all the named Hyacinths offered on the following page are strictly first class in every particular, the twelve single flowering sorts offered below are supplied in largest size bulbs or "top roots," and always produce massive, well-filled spikes, and are invariably included in the winning sets at the various exhibitions.

Arentine Arendsen. A grand snow-white, perfect in every way.

Enchantress. Beautiful sky-blue, shading lighter towards the centre, one of the finest light blue varieties.

Gertrude. An old variety; but still one of the very best; color bright rosy pink.

Grande Blanche. Fine spikes and very large bells; color, blush white.

Grande Maitre. Rich deep lavender-blue, shaded darker; a very popular sort.

King of the Blues. This is considered the finest of the rich deep blue varieties.

L'Innocence. Pure white, bells and truss of largest size; the best all round white; always does well.

Lady Derby. Lovely rose pink; splendid in every way.

La Victoire or Victory. Magnificent spikes of brilliant rosy crimson.

Queen of the Blues. Charming silvery azure-blue; extra fine.

Queen of the Pinks. Extra large bells and massive spikes, a lively tone of rosy pink; extra fine.

Yellow Hammer. Rich yellow color, very pronounced; fine spike and bells.

Price: Any of the above, 25 cts. each; $2.50 per doz.

One each of the 12 Prize Winning sorts for $2.50.

If wanted by Parcel Post add postage in accordance with note at foot of page.

NOTE—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post, add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

A Pan of Hyacinths

SELECT SECOND SIZE NAMED HYACINTHS

These are a little smaller than our Extra Selected first-size bulbs, and are fine-flowering stock, and admirably adapted for pot culture and high-grade bedding where distinct shades of color are desired.

SINGLE RED, ROSE AND PINK

Gertrude. Deep rose pink; extra fine erect truss.
Gigantea. Soft blush-pink; very large spike of closely-set bells.
Lady Derby. A beautiful soft rose-pink.
La Victoire. Brilliant rosy crimson.
Moreno. A beautiful lively pink; very large spike and bells.
Roi des Belges. Brilliant crimson-scarlet.

SINGLE PURE AND TINTED WHITE

Arentine Arendsen. Snow white; a fine sort.
Grandeur a' Merveille. One of the finest blush-white varieties.
L'Innocence. Deservedly the most popular pure white.
La Grandesse. Considered the finest of all whites.
Mme. van der Hoop. Pure waxy-white; very large bells.

SINGLE BLUE, LAVENDER AND PURPLE

Duke of Westminster. Deep glittering-blue; with white centre.
Enchantress. Sky-blue, with lighter centre; one of the finest.
Grand Maitre. Deep lavender, shaded darker.
King of the Blues. The finest of the rich deep blue varieties.
Queen of the Blues. Clear silvery azure-blue; in splendid trusses.

Price: Any of the above Select Second-size Hyacinths, 12 cts. each; $1.25 per doz.; $8.50 per 100.

EXTRA SELECTED FIRST-SIZE HYACINTHS

The varieties enumerated below have been selected for their distinct coloring and free-flowering qualities, and are all **Extra Selected First-size Bulbs**, specially suited for growing in pots or glasses, or for high-grade bedding.

We particularly recommend the Single-flowering sorts as being the most likely to produce the finest and largest spikes of bloom.

Complete cultural directions are given in our book "Hints on the growing of Bulbs." Price 25 cts. per copy or free to customers if asked for at time of ordering.

SINGLE RED, ROSE AND PINK

General de Wet. A beautiful shade of light rose.
Gertrude. Bright, rosy pink.
Gigantea. One of the best blush pink varieties.
Lady Derby. A charming tone of rose pink.
La Victoire, or Victory. Brilliant rosy-red.
Moreno. A beautiful lively pink; very large truss and bells.
Queen of the Pinks. A lovely tone of rosy-pink; large bells.
Roi des Belges. Brilliant crimson scarlet.

SINGLE, PURE AND TINTED WHITE

Arentine Arendsen. Pure snow white.
Grandeur a' Merveille. Fine blush-white.
Grande Blanche. A splendid blush-white.
La Grandesse. An extra fine pure white.
L'Innocence. The most popular of the pure whites for bedding and forcing.
Mme. van der Hoop. Pure waxy white; very large bells
Queen Emma. Forms a big truss; color waxy-white.

SINGLE BLUE, LAVENDER, PURPLE, Etc.

Duke of Westminster. Rich, deep blue, with white centre.
Enchantress. Sky-blue shading lighter to the centre.
Grand Maitre. Rich, deep lavender-blue shaded darker.
King of the Blues. A grand rich dark lustrous blue.
Perle Brilliante. Very large bells and spikes of light sky-blue; inside of petals lighter.
Queen of the Blues. A beautiful silvery azure-blue.

SINGLE YELLOW SHADES

Primrose Perfection. A splendid bright primrose-yellow; very large bells.
Yellow Hammer. Pure yellow and one of the best.

DOUBLE ROSE, Etc.

Chestnut Blossom. Bright rose-pink.
President Roosevelt. Bright lively pink; very large truss.

DOUBLE PURE AND TINTED WHITE

Isabella. The finest double blush-white; large bells and spike.
Double La Grandesse. The double flowering form of the well-known single pure white; extra fine.

DOUBLE BLUE, Etc.

Bloksberg. Finest light porcelain blue.
Garrick. Deep azure-blue; very large spike.

DOUBLE YELLOW

Sunflower. Considered the finest double pure yellow.

Price: Any of the first-size named Hyacinths offered above, 15 cts. each.; $1.50 per doz.; $10.00 per 100.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post, add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

Select Single Early Tulips

The tulip is always attractive from its beauty and brilliancy of color; and is one of the popular early spring flowers. A few bulbs scattered here and there produce but little effect, but when planted in masses or in groups, they become at once grand and brilliant, and eclipse in variety of coloring and picturesque effect almost any other flower.

Artus. Bright deep scarlet, 50 cts. per doz.; $3.25 per 100.

Belle Alliance. One of the most popular scarlets for bedding; always does well. 60 cts. per doz.; $4.25 per 100.

Chrysolora. Rich, pure yellow, 50 cts. per doz.; $3.50 per 100.

Cottage Maid. White, bordered and suffused rosy-pink; makes a beautiful bed. 60 cts. per doz.; $4.25 per 100.

Couleur Cardinal. Rich, glittering cardinal red; a grand variety. 70 cts. per doz.; $5.25 per 100.

Crimson King. Crimson scarlet. 50 cts. per doz.; $3.25 per 100.

Flamingo. Rich brilliant pink on a white ground. A high grade sort of unusual substance and lasting qualities. 85 cts. per doz.; $6.00 per 100.

Golden Queen. The finest golden-yellow; flowers very large. 65 cts. per doz.; $4.50 per 100.

Joost van Vondel White or Lady Boreel. Conceded to be the largest and finest pure white; perfect in every way. 65 cts. per doz.; $4.75 per 100.

Kaiser Kroon. Bright red, margined golden-yellow; extra large and very showy. 55 cts. per doz.; $3.75 per 100.

Pink Beauty. Rich, glowing cerise-pink, flushed with snowy-white at the base of petals; a magnificent sort of heavy texture. 85 cts. per doz.; $6.00 per 100.

President Lincoln, or Queen of the Violets. A pretty shade of pale violet. 60 cts. per doz.; $4.00 per 100.

Proserpine. Glossy carmine-rose; very large and attractive. 85 cts. per doz.; $6.00 per 100.

Queen of the Netherlands. Exquisite shade of soft blush-pink shaded with white; enormous globular flowers. 65 cts. per doz.; $4.75 per 100.

Rising Sun. Very large flowers of rich golden-yellow; the finest and richest yellow early tulip. 75 cts. per doz.; $5.25 per 100.

Rose Grisdelin. The finest dwarf bright pink, beautiful as a border. 50 cts. per doz.; $3.25 per 100.

Rose Luisante. Dark, silky-rose pink of high quality. 85 cts. per doz.; $6.00 per 100.

Sir Thomas Lipton. Rich, glossy, deep scarlet, the finest of its color. 75 cts. per doz.; $5.50 per 100.

White Hawk. A beautiful pure white, of heavy texture; lasting well. 70 cts. per doz.; $5.00 per 100.

Group of Cottage Garden Tulips

Yellow Prince. The leading golden-yellow for forcing. 50 cts. per doz.; $3.25 per 100.

DREER'S SUPERB MIXTURE OF SINGLE EARLY TULIPS

This grand mixture of Single Early sorts is blended specially for us by one of the leading growers in Holland. 35 cts. per doz.; $2.25 per 100; $18.00 per 1000.

MAY-FLOWERING OR COTTAGE GARDEN TULIPS

This beautiful class is now very popular. They are quite distinct from the early flowering sorts, coming into bloom in the vicinity of Philadelphia about May 10th, or two or three weeks later than the early flowering types, and extending the Tulip season over a period of four weeks or more.

Gesneriana Lutea. A fine golden-yellow variety. 60 cts. per doz.; $4.00 per 100.

Gesneriana Spathulata Major. Very large flowers of an intense brilliant crimson-scarlet. 60 cts. per doz.; $4.00 per 100.

Golden Crown. Rich yellow, petals faintly edged with red. 60 cts. per doz.; $4.00 per 100.

Inglescombe Pink. A rare blending of buff and salmon. 60 cts. per doz.; $4.00 per 100.

Inglescombe Yellow. Immense globular, rich yellow flowers; has been aptly called the "Yellow Darwin." 55 cts. per doz.; $3.75 per 100.

La Merveille. Salmony-rose, overlaid with orange-red. 55 cts. per doz.; $3.75 per 100.

Mrs. Moon. The largest and finest golden-yellow late Tulip. 70 cts. per doz.; $5.00 per 100.

Orange King. Brilliant orange-red shaded scarlet, the finest of this color. 60 cts. per doz.; $4.00 per 100.

Picotee or Maiden Blush. Pure white, daintily edged with pink. 55 cts. per doz.; $3.75 per 100.

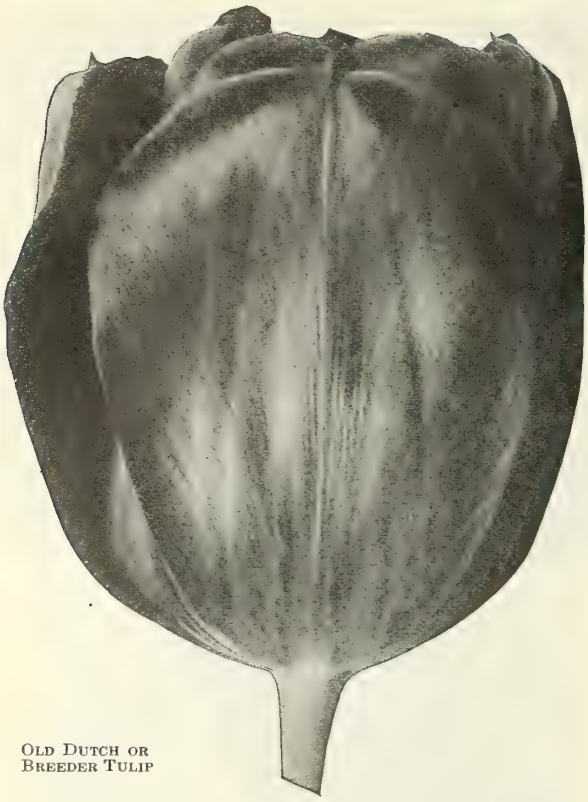
Royal White. Pure white, slightly tinted creamy-yellow. 75 cts. per doz.; $5.50 per 100.

Shandon Bells, Isabella, or Blushing Bride. Creamy-yellow, tinted with blush, turning as the flower ages to a carmine pink. 55 cts. per doz.; $3.75 per 100.

The Fawn. A charming shade of fawn, suffused with rose. 60 cts. per doz.; $4.00 per 100.

May Flowering, or Cottage Garden, Mixed. This is a splendid mixture made up of over 50 sorts of all colors. 40 cts. per doz.; $2.75 per 100; $24.00 per 1000.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post, add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.



Old Dutch or Breeder Tulip

Dreer's Superb Double Tulips

While not equal to the single in brilliancy, the double varieties last much longer in bloom. The early varieties, such as Murillo, Imperator Rubrorum, and Tournesol, are excellent for forcing. The later sorts will not bear forcing, but are very effective in beds or borders.

Boule de Neige. A splendid pure white flower, very large. 65 cts. per doz.; $4.50 per 100.

Couronne d'Or (*Crown of Gold*). Golden-yellow, tinted orange, beautiful. 65 cts. per doz.; $4.50 per 100.

Imperator Rubrorum. Bright scarlet. 65 cts. per doz.; $4.75 per 100.

La Grandesse. A splendid rich deep rose-pink, a fine bedder. 65 cts. per doz.; $4.50 per 100.

Golden Murillo. The richest golden yellow tulip, very fine. 75 cts. per doz.; $5.50 per 100.

Pink Murillo. A superb light pink. 40 cts. per doz.; $2.75 per 100.

Primrose Murillo or Tea Rose. Soft primrose-yellow shaded apricot. 50 cts. per doz.; $3.50 per 100.

Rubra Maxima. Rich dark scarlet, a grand bedding sort. 50 cts. per doz.; $3.50 per 100.

Salvator Rosa. Deep rosy pink. 60 cts. per doz.; $4.00 per 100.

Schoonoord. Considered the finest double white, a "sport" from Murillo. 65 cts. per doz.; $4.50 per 100.

Tournesol. Scarlet, broadly edged yellow. Fine forcer. 70 cts. per doz.; $5.00 per 100.

William the Third. Brilliant orange-scarlet, fine bedder. 60 cts. per doz.; $4.00 per 100.

Dreer's Superb Mixed Double Tulips

A really fine mixture, having a good range of color, growing to the same height and blooming together. 40 cts. per doz.; $2.50 per 100; $22.00 per 1000.

Old Dutch or Breeder Tulips

This fine old May-flowering type has been neglected for many years, but are again becoming popular. They are very similar to the Darwins in their tall, strong growth, and with even larger flowers, but have an entirely different range of colors, comprising bronze, terra-cotta, orange brown and other artistic tones. We offer a selected list of the best and most distinct sorts:

Bronze Queen. Finely formed large flower. Soft buff, suffused with bronzy apricot; inside golden bronze. 70 cts. per doz.; $5.00 per 100.

Cardinal Manning or Kingscourt. A curious blending of mauve and rose which changes to an almost pure orange at the edge of petals. Very attractive. 70 cts. per doz.; $5.00 per 100.

Dom Pedro. A handsome and distinct tulip of rich coffee-brown shaded maroon; inside mahogany-red. $1.25 per doz.; $8.00 per 100.

Feu Ardent. A striking brick-red shaded mahogany. Very large. $1.00 per doz.; $7.00 per 100.

Godet Parfait. Large flowers of remarkably heavy texture, of a rich plum violet. $1.00 per doz.; $7.00 per 100.

Louis XIV. Considered the most wonderful of all tulips. Very large flowers, plum purple with golden brown margin and flushed bronze. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Lucifer or Gorgeous. Very large well-shaped flowers of rich reddish orange; truly gorgeous. $1.50 per doz.; $10.00 per 100.

Panorama or Fairy. One of the best flowers of large size of deep orange-red shaded mahogany. $1.25 per doz.; $7.50 per 100.

Velvet King or Dreadnought. Immense flowers of rich, royal deep purple, held erect on tall, stout stiff stems and lasting in good condition for a long time. $1.50 per doz.; $10.00 per 100.

Yellow Perfection. A lovely variety of light bronze-yellow edged and shaded golden-yellow. 70 cts. per doz.; $5.00 per 100.

Choice Mixed. A splendid mixture containing a great many varieties and colors. 50 cts. per doz.; $3.75 per 100; $32.00 per 1000.

PARROT OR DRAGON TULIPS

Very large flowers of singular and picturesque forms and brilliant colors; very beautiful and interesting. The petals are curiously fringed or cut. They form extravagantly showy flower beds or borders, are of endless variety of form and color, stand a long time when cut, and should be grown in every flower garden in quantity.

Cramoisi Brilliant. Rich crimson with blackish markings.

Lutea. Clear yellow, feathered with red and green.

Perfecta. Striped yellow and red.

Price: Any of the above, 60 cts. per doz.; $4.00 per 100.

Parrot Tulips, Mixed Colors. A border of these resembles a rich Oriental rug in coloring. 40 cts. per doz.; $3.25 per 100; $28.00 per 1000.

PREPARED BULB FIBRE

This material contains all the necessary plant food for all kinds of bulbous plants, and bulbs can be grown in it in jardinieres, fern dishes and other non-porous receptacles without drainage.

The treatment after planting in this material is the same as when planted in soil. 50 cts. per ½ peck; 75 cts. per peck; $2.50 per bushel.

NOTE—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

Dreer's Superb Darwin Tulips

This magnificent May-flowering class has within the past few years by sheer force of their many merits forged their way to popularity by leaps and bounds, and are now grown by almost everybody who loves spring flowers; they are quite distinct in style of growth from the other late-flowering sorts; stately in appearance, attaining a height of 24 to 30 inches, and bearing on long strong straight stems beautiful globular flowers of remarkably heavy texture, in a large range of colors, embracing almost every conceivable tint.

Ariadne. Enormous bold, cup-shaped flowers of brilliant cochineal-red. 70 cts. per doz.; $5.00 per 100.

Baron de la Tonnaye. A strong upright grower, with very large flowers of vivid rose-pink, toning to silvery-rose at the margin of the petals. 55 cts. per doz.; $3.75 per 100.

Clara Butt. One of the most popular varieties, both for bedding and for forcing. The exquisite salmony-pink color of its large flowers is always greatly admired. 55 cts. per doz.; $3.75 per 100; $32.00 per 1000.

Dream. Large cup-shaped flowers of soft rosy mauve on a heliotrope ground, shading lighter on upper part of petals. 65 cts. per doz.; $4.50 per 100.

Edmee or Beauty. A beautiful tone of cherry-rose with silvery-pink margin. 70 cts. per doz.; $5.00 per 100.

Gretchen or Margaret. The large globular flowers are of a delicate blush-pink on the outside, inside soft rose; a very popular variety for cutting. 55 cts. per doz.; $3.75 per 100.

Harry Veitch. Brilliant, blood-red, shaded with brownish maroon large flowers of splendid form; a fine bedder. 65 cts. per doz.; $4.50 per 100.

Inglescombe Yellow. While this belongs to the May flowering Cottage Garden type, it is frequently called the "Yellow Darwin," described and offered on page 27.

King Harold. Rich deep mahogany-red; a splendid dark variety. 70 cts. per doz.; $5.00 per 100.

La Tristesse, or Dolores. A very large flower of slaty-blue, with silvery-flush at margin; a lovely variety to associate with yellow Cottage Garden Tulips. 65 cts. per doz.; $4.50 per 100.

La Tulipe Noire, or The Black Tulip. The nearest approach to black in Tulips; very large flowers of glossy black with maroon tone. 65 cts. per doz.; $4.50 per 100.

Mme. Krelage. Rosy-violet, toning to soft blush at edge of petals; a good strong grower and a satisfactory bedder. 70 cts. per doz.; $5.00 per 100.

Mr. Farncombe Sanders. One of the choicest varieties; flowers of very large size, of an effective rich geranium-scarlet tinged with rose. 75 cts. per doz.; $5.50 per 100.

Mrs. Potter Palmer or Mr. D. T. Fish. Rich, glowing amaranth purple, a very distinct and striking color. 65 cts. per doz.; $4.50 per 100.

Ouida. One of the finest and richest crimson-scarlets, particularly effective for bedding. 65 cts. per doz.; $4.50 per 100.

Philippe de Commines. Rich, deep, lustrous plum-purple; one of the best of the very dark sorts. 65 cts. per doz.; $4.50 per 100.

Pride of Haarlem. A favorite for bedding and forcing. Flowers very large, of an attractive old rose color, suffused and brightened by scarlet. 60 cts. per doz.; $4.00 per 100.

Princess Juliana or Sweetheart. A striking new sort of dazzling orange-scarlet suffused with salmon—quite distinct. 75 cts. per doz.; $5.50 per 100.

Professor Rauwenhof. Brilliant cherry-red, suffused scarlet, a very large and effective variety. 70 cts. per doz.; $5.00 per 100.

Rev. H. Ewbank. A charming soft heliotrope shaded lavender, the best of this color. 60 cts. per doz.; $4.00 per 100.

Salmon King. Dazzling rosy-scarlet suffused with salmon; a very effective color. 65 cts. per doz.; $4.75 per 100.

Suzon. Large, bold flowers of soft rosy flesh color margined with blush white; a very dainty coloring. 60 cts. per doz.; $4.50 per 100.

Valentine. Large beautifully formed flowers of deep metallic blue. $1.00 per doz.; $7.00 per 100.

Whistler. Enormous flowers of a vivid crimson-scarlet. 75 cts. per doz.; $5.50 per 100.

White Queen or La Candeur. Large globular flowers of pure white, slightly tinted blush when opening. 65 cts. per doz.; $4.75 per 100.

DREER'S SUPERB DARWIN TULIPS MIXED

A grand mixture containing upwards of fifty sorts and covering all of the many beautiful colors for which this type is remarkable.

Price: 45 cts. per doz.; $3.00 per 100; $27.00 per 1000.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post, add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

Dreer's Choice Narcissus or Daffodils

NARCISSUS EMPEROR

There are no hardy bulbous plants which have more points of merit than the Narcissus or Daffodils. Perfectly hardy, growing and doing well in almost any and every position, sun or shade, moist or dry. All conditions seem to suit them, although they have a preference for a good, deep soil and a semi-shaded position, and every vacant corner in the garden, amongst the grass under the trees, etc., could not be used to better advantage than by filling with Narcissus.

GIANT TRUMPETS

The Giant Trumpet sorts are the showiest of the genius, and also the most useful, growing easily either indoors or in the open ground. Every one of the varieties of this type offered on this page are deserving of extensive planting, and you can set out any of them with full assurance that you will get a bountiful harvest of blossoms in the spring.

Bicolor Victoria. A fine variety, perianth creamy-white, trumpet rich yellow, delicately perfumed; unsurpassed for pot culture and always satisfactory out of doors. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Emperor. This grand variety, which is nicely illustrated, is one of the largest and finest Daffodils in cultivation, pure yellow, trumpet of immense size, and wide overlapping, rich primrose perianth; for bedding, naturalizing or for growing in pots in the house it is unequalled. Much in demand for cutting. Extra large bulbs, 10 cts. each; $1.00 per doz.; $7.00 per 100.

Mme. de Graaff. A magnificent flower of almost pure white, the perianth is snow white, the large trumpet is slightly tinted with primrose, which changes to white, has been well named "The Queen of Daffodils." 10 cts. each; $1.00 per doz.; $6.50 per 100.

Olympia. This remarkably fine Daffodil might briefly be described as a greatly improved Emperor, being much larger in size and of a richer, deeper color. It is a wonderfully strong grower, with fine broad blue-green foliage, and its bold majestic yet artistic flowers are produced very freely. This is one of the best Daffodils either for growing in pots indoors or for outdoor cultivation. 25 cts. each; $2.25 per doz.; $15.00 per 100.

Trumpet Major (*Single Van Sion*). A large and shapely flower of a rich yellow color throughout. Comes into bloom early, and is excellent for forcing, bedding or naturalizing. 7 cts. each; 65 cts. per doz.; $4.50 per 100.

Van Waveren's Giant. This is claimed to be the largest of all Narcissus, which claim we fully indorse, having tried it several times in conjunction with other Giant Trumpet varieties, and has always produced the largest flowers of any. The huge blossoms are held erect on strong, stiff flower stalks, perianth soft primrose-yellow with an immense bright yellow trumpet. Strong, vigorous grower, and just as satisfactory for growing in pots as it is for the garden. 25 cts. each; $2.50 per doz.; $16.00 per 100.

Empress. This fitting companion to Emperor is also of strong, robust growth, with fine large flowers; the perianth snow white, trumpet rich yellow, serrated and flanged at the edges; one of the best bicolors and of rare beauty for cutting. Extra large bulbs, 10 cts. each; $1.00 per doz.; $7.00 per 100.

Giant Princeps. One of the most popular; perianth sulphur white; trumpet rich yellow. As a forcing variety it is superior in every way, and a fine sort for naturalizing. 7 cts. each; 65 cts. per doz.; $4.50 per 100.

Glory of Leiden. This grand variety has been well and deservedly named the "King of Daffodils," being one of the most massive of the Giant Trumpet varieties. The large trumpet is full, rich, yellow, perianth pale yellow with occasional deeper yellow markings. Unlike many floral aristocrats it is of strong, vigorous habit and of the easiest culture, being just as much at home when grown in pots indoors as it is in the open ground. You cannot be considered to have a good collection of Narcissus without Glory of Leiden. 10 cts. each; $1.00 per doz.; $6.50 per 100.

Golden Spur. The most popular of the golden-yellow trumpets with cut flower growers, as it produces freely and early its handsome rich, deep yellow flowers. It is just as valuable out of doors as for forcing. A strong, vigorous grower, always doing well. Extra large bulbs, 10 cts. each; $1.00 per doz.; $7.00 per 100.

King Alfred. This is considered the largest and finest deep golden yellow Trumpet variety. A tall, strong grower, with magnificent frilled trumpet and large perianth, all of a uniform rich golden-yellow. 15 cts. each; $1.50 per doz.; $10.00 per 100.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post, add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

MEDIUM TRUMPET NARCISSUS

This class is also known as the Star or Chalice-cup Daffodils, and comprises some of the most beautiful and graceful forms. All are suitable for growing indoors in pots or pans, and are especially adapted for naturalizing, being of free growth and multiplying rapidly.

Barrii Conspicuus. Perianth soft yellow; broad spreading cup, magnificently illuminated with scarlet; a most distinct and beautiful sort, and should be grown in quantity for cutting. (See cut.) 7 cts. each; 65 cts. per doz.; $4.50 per 100.

Barrii Lady Godiva. This beautiful variety is identical to the preceding excepting that instead of being yellow the perianth is white; cup rich yellow, edged bright orange-scarlet, a very effective combination; a strong grower and exceptionally free-flowering. 8 cts. each; 80 cts. per doz.; $6.00 per 100.

Incomparabilis Autocrat. A showy and free-flowering variety, with large star-shaped flowers, perianth rich yellow with deeper yellow wide expanded crown or cup; splendid for pots or for outside planting, 7 cts. each; 65 cts. per doz.; $4.50 per 100.

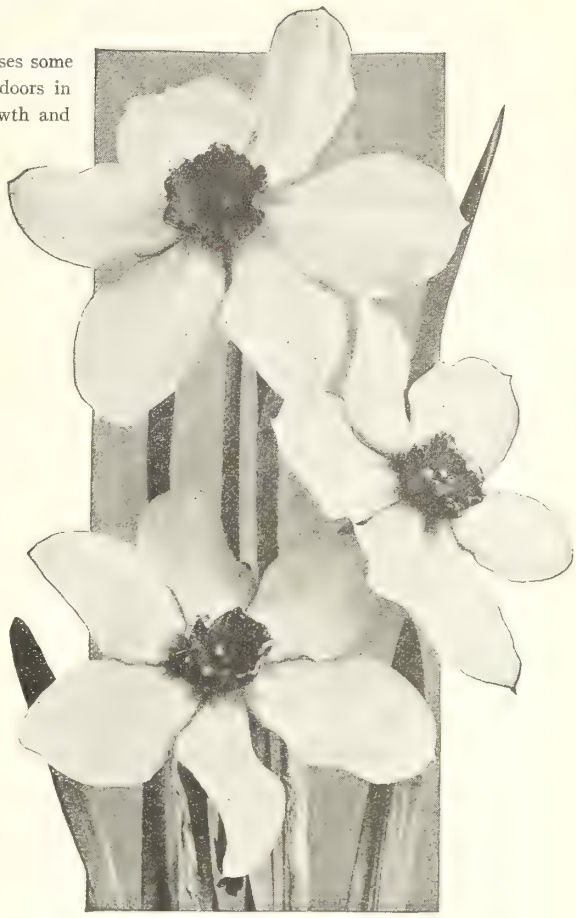
Incomparabilis Lucifer. One of the showiest and most striking varieties; the flowers, which are produced with remarkable freedom, averaging three to a bulb, are of large size, the perianth pure white, while the crown or trumpet is a brilliant orange-scarlet, the contrast being decided, and producing an effect that attracts the attention of everyone. 7 cts. each; 70 cts. per doz.; $5.00 per 100.

Incomparabilis Sir Watkin. "Giant Chalice Flower," or "Big Welshman." A gigantic flower, the largest in this section; perianth sulphur-yellow, cup slightly deeper in color and tinged with orange; fine for pot culture; in fact, does well everywhere. Extra large bulbs. 7 cts. each; 70 cts. per doz.; $5.00 per 100.

Incomparabilis Torch. A tall strong grower and very effective, flowers 4 inches across, star-shaped, deep yellow perianth, orange cup edged deeper. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Leedsii Evangeline. A free-flowering, strong growing sort, with pure white perianth and delicate primrose cup; charming for pots and for naturalizing. 10 cts. each; $1.00 per doz.; $6.50 per 100.

Leedsii White Lady. An exquisite flower with broad pure white overlapping petals and dainty cup, prettily crinkled, of a beautiful pale canary yellow shade; very free bloomer and of great value for cutting. 7 cts. each; 65 cts. per doz.; $4.50 per 100.



NARCISSUS BARRII CONSPICUUS

JONQUILS

Jonquils are a small flowering type of Narcissus, and are prized for their graceful, golden, fragrant blossoms, and the ease with which they may be grown.

Single Sweet-scented (*Narcissus Jonquilla*). Rich, buttery-yellow; not as large a flower as the others, but most fragrant and very free-flowering. 45 cts. per doz.; $3.00 per 100.

Campernelle (*Narcissus Odorus*). A grand variety, producing freely large yellow flowers, very sweetly scented; a strong grower, doing well in almost any position. 50 cts. per doz.; $3.25 per 100.

Campernelle Rugulosus. The largest and finest of all Jonquils; a handsome flower; color pure yellow; very fragrant. 60 cts. per doz.; $3.75 per 100.

Odorus Plenus (*Double Campernelle Jonquil*). A charming variety bearing on tall graceful stems, double yellow fragrant flowers of elegant form. 60 cts. per doz.; $4.00 per 100.

THE POET'S NARCISSUS

(Narcissus Poeticus)

This is the old-fashioned favorite type; all have snowy white flowers, with yellow or lemon cups margined more or less deeply with red and with rich, spicy odor. All do well in the open border, or naturalized in grass, are perfectly hardy, and once planted take care of themselves.

Poeticus (*Pheasant's Eye or Poet's Narcissus*). Flowers snow-white, with beautiful lemon-yellow cup edged with bright orange red. 40 cts. per doz.; $2.75 per 100; $22.00 per 1000.

Poeticus Ornatus. More symmetrical than the old Poeticus, and blooms almost a month earlier; flowers large, pure white, cup margined with scarlet. Extra large bulbs, 60 cts. per doz.; $4.00 per 100.

Poeticus King Edward VII (*Almira*). An improvement on Ornatus, being a stronger grower, producing larger flowers of purest white, with yellow cup margined with scarlet; very early. 8 cts. each; 85 cts. per doz.; $6.00 per 100.

Poeticus Thelma. The wide overlapping substantial petals of this beautiful variety is of snowy white, the broad light yellow cup distinctly margined with deep scarlet. A strong, free grower and bloomer. Extra fine. 15 cts. each; $1.50 per doz.; $10.00 per 100.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

Polyanthus Narcissus

Beautiful free-flowering deliciously sweet-scented flowers of the easiest culture; suitable for forcing in soil or prepared fibre or for growing in water. They bear tall spikes of bloom with from 6 to 20 flowers each.

These bulbs are imported from the South of France and good quality stock is scarce this season and in consequence much higher in price than usual.

Paper White Grandiflora. An improved large flowering form of the old Paper White, and without doubt the easiest of all bulbs to grow in the house, either in soil, prepared fibre or water; we offer two sizes as under:

Selected Bulbs. 7 cts. each; 75 cts. per doz.; $5.00 per 100; $45.00 per 1000.

Mammoth Bulbs. Of special value for growing in water. 8 cts. each; 85 cts. per doz.; $6.00 per 100; $55.00 per 1000.

Double Roman. White with double yellow centre; very fragrant. 7 cts. each; 75 cts. per doz.; $5.00 per 100.

Gloriosa. A very pretty variety, with pure white flowers, with rich orange cup. 12 cts. each; $1.25 per doz.; $8.00 per 100.

Grande Monarque. Fine large trusses of white flowers, with primrose cups. 8 cts. each; 85 cts. per doz.; $6.00 per 100.

Grand Soleil d'Or. A charming rich yellow flower, with deep reddish cup. 15 cts. each; $1.50 per doz.; $10.00 per 100.

NARCISSUS PAPER WHITE GRANDIFLORA
Grown in a bowl in water and pebbles

Double-flowering Narcissus or Daffodils

No collection of Narcissus is complete without the double-flowering sorts. While not as attractive as many of the single varieties, and lacking variety of coloring, they possess a charm peculiarly their own. All are perfectly hardy and are much in demand for cutting.

Alba Plena Odorata (*Double Poet's Narcissus or Gardenia Daffodil*). Double pure white; very sweet-scented. This beautiful variety cannot be forced. It succeeds best planted in rather heavy soil, in partial shade, and where it will not suffer for lack of moisture. 50 cts. per doz.; $3.75 per 100.

Orange Phoenix (Eggs and Bacon). Light citron with orange centre; a beautiful artistic blossom and easily forced. 8 cts. each; 85 cts. per doz.; $6.00 per 100.

Sulphur or Silver Phoenix (Codlins and Cream). Creamy white with pale sulphur centre. Considered the finest of the double sorts. 8 cts. each; 85 cts. per doz.; $6.00 per 100.

Van Sion (*Telemonius Plenus*). The famous old Dutch Daffodil; flowers golden yellow. This variety is used in enormous quantities for forcing; also excellent for bedding in conjunction with Hyacinths, flowering at the same time and presenting a beautiful contrast when used with a blue variety.

Extra Selected Double-nosed Bulbs. Each bulb will produce at least two flowers, and frequently three or more. 10 cts. each; $1.00 per doz.; $6.50 per 100.

NARCISSUS IN MIXTURE

Single Varieties. A splendid mixture, containing a great many fine varieties, and sure to produce satisfactory returns. 50 cts. per doz.; $3.25 per 100; $28.00 per 1000.

Double Varieties. A very good mixture containing some each of the various varieties. Excellent for planting for cutting. 50 cts. per doz.; $3.50 per 100; $32.00 per 1000.

Dreer's Giant Named Crocus

These are large bulbs of the best of the newer hybrid and standard varieties, and are remarkable for richness of color and size of their flowers, and are the best to use for pot culture or where extra fine results are wanted.

Caesar. One of the new Hybrids, with very large flowers of rich purple.

Kathleen Parlow. The finest pure white of the new hybrids, extra large cup-shaped flowers with orange anthers.

King of the Whites. The best pure white of the older sorts; very free-flowering.

Mammoth Yellow. Golden yellow, very large bulbs, producing a mass of flowers.

Pallas. A very showy new hybrid, flowers prettily striped lilac on a white ground; orange anthers.

Purpurea Grandiflora. The richest purple of the standard sorts; very effective.

Price: Any of the above, in selected bulbs, 35 cts. per doz.; $2.25 per 100; $20.00 per 1000.

MIXED CROCUS

The bulbs offered under this head are smaller than the Giant Named sorts offered above, but are quite satisfactory for planting in the grass or for any position out of doors. In planting care should be taken not to set the bulbs too deep; a covering of two inches of soil is enough.

	Per Doz.	Per 100	Per 1000
Blue and Purple sorts	$0.20	$1.00	$8.00
Striped sorts	.20	1.00	8.00
White sorts	.20	1.00	8.00
Golden Yellow, good bulbs	.25	1.50	12.00

All Colors Mixed. 20 cts. per doz.; $1.00 per 100; $8.00 per 1000.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

LILIUM CANDIDUM (Madonna Lily)

CALLA LILIES

White Calla (*Richardia Aethiopica*). The White Calla, or Lily of the Nile, is a well-known plant of easy culture, and in winter is one of our best window plants. To aid profuse blooming keep them dormant from the middle of June until the last of August; repot in good, rich soil, using 6 to 8-inch pot; give water, light and heat in abundance, and the result will be most satisfactory.

	Each	Per Doz.	Per 100
Extra Large Bulbs	$0.25	$2.50	$18.00
Mammoth Bulbs	.35	3.50	25.00

Godfrey Everblooming. This is a great improvement over the ordinary white Calla, being of even freer growth and much more floriferous over a longer season. The flowers, while a trifle smaller, are of purer white and delicately scented. Strong flowering bulbs, 25 cts. each; $2.50 per doz.

FREESIA

This is one of the most beautiful of all Cape bulbs, possessing a peculiar grace of form; and its fragrance is most delightful, one pot of a dozen bulbs being sufficient to perfume a whole house. As cut flowers they are extremely valuable; the unexpanded blooms opening in water, fill the air with the most delicate perfume, and their endurance is really remarkable. For full cultural directions, see our new book, "*Hints on the Growing of Bulbs*." Price, 25 cts., or free to customers who ask for it when ordering.

Dreer's Improved Purity. The finest and purest white variety yet introduced; of strong growth and with very large flowers.

	Per Doz.	Per 100	Per 1000
Mammoth Bulbs	$0.70	$4.50	$40.00
Selected Bulbs	.50	3.00	27.00

Rainbow Mixture. A wonderfully improved stock of the colored Freesia, comprising a large number of beautiful shades of yellow, blue, violet, mauve, pink, lavender, etc. The flowers are as large as the best white type, and equally as fragrant. We offer them in mixed colors only. 70 cts. per doz.; $5.00 per 100.

Dreer's Select Lilium Candidum

(Annunciation or Madonna Lily)

This is one of the most popular of garden Lilies. The flowers are pure snow white and very fragrant, borne on long stems. Should be planted early as possible in the autumn; give the bulbs a light dusting with powdered sulphur, and do not cover with more than 2 inches of soil; 3 to 4 feet; May and June.

Our supply last year was greatly delayed in arriving. We have made all possible plans this season to have them come forward so as to have them here in September.

	Each	Per Doz.	Per 100
Large Bulbs	$0.25	$2.25	$16.00
Extra Large Bulbs	.35	3.00	20.00
Mammoth Bulbs	.45	4.00	25.00

LILIUM HARRISII

(Bermuda Easter Lily)

This is undoubtedly the best Lily for winter forcing, as it comes quickly into bloom. The flowers are trumpet-shaped, pure white, and delightfully fragrant. The freedom with which the flowers are produced is truly remarkable.

Fine bulbs, 6 to 7 inches, 30 cts. each; $3.00 per doz.

Extra bulbs, 7 to 9 inches, 50 cts. each; $5.00 per doz.

Mammoth bulbs, 9 to 11 inches, $1.00 each. $10.00 per doz.

OXALIS

These are profuse bloomers, and very attractive in the house or conservatory during the winter. Plant 3 or 4 bulbs in a pot or hanging basket, which should be kept close to the light to prevent the foliage from growing too long.

Bermuda Buttercup. Bright yellow.

Bowiei. Brilliant carmine rose.

Grand Duchess. Extremely free-flowering, never being out of bloom from November till June. We offer them in three distinct colors, viz.: **Pink, White and Lavender.**

Price of any of the above, 5 cts. each; .50 cts. per doz.; $3.00 per 100.

Mixed Oxalis, containing all the colors. 4 cts. each; 40 cts. per doz.; $2.50 per 100.

DREER'S IMPROVED PURITY FREESIAS

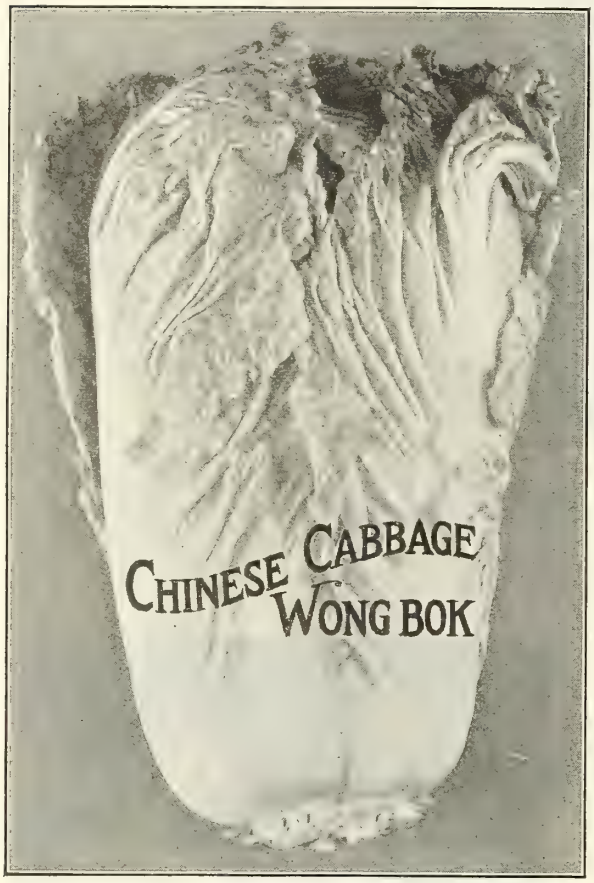
NOTE. All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post, add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

Dreer's Vegetable Seeds

YOUR GARDEN SHOULD BE THE MEANS OF FURNISHING A FULL SUPPLY OF VEGETABLES THROUGHOUT THE SUMMER

A little effort will give you fresh vegetables all summer long and the surplus may be canned. Continuous plantings, as explained in this catalogue under the headings of various vegetables, will enable you to do this successfully. Use all available space, and not only grow sufficient for immediate use, but also a supply to be stored for winter. As the various crops mature, utilize the space made vacant and grow Lettuce, Cabbage and Cauliflower. Beans may be planted up to August 1st, Sugar Corn up to July 20th, and Dreer's Electric Peas for fall use should be planted about the middle of August.

We pay postage on vegetable seeds by the packet, ounce, quarter pound and pound. Add postage as stated for Beans, Corn and Peas.



BEANS, DWARF OR BUSH

Green and Wax bush sorts can be planted about ten days to one week apart throughout the season up to August 1 with only slight risk.

BEANS BY PARCEL POST

Prices for Beans of all kinds are for same by express or freight at purchaser's expense. If wanted sent by Parcel Post add as follows: To points east of Mississippi River, 7 cts. lb.; West of Mississippi River, 12 cts. lb.

Improved Extra Early Red Valentine. Bears pods which are round, long, slightly curved and of excellent quality. It is one of the most prolific sorts for private use or market. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 30 cts.; 2 lbs., 55 cts. (If by Parcel Post add as noted above); 10 lbs., $2.25.

Stringless Green Pod (Burpee's). Very popluar, stringless, ripens earlier than Valentine, and remains tender and crisp a long time after maturity. Pods are pale green, long and straight round, meaty and of excellent flavor. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (If by Parcel Post add as noted above); 10 lbs., $2.50.

Improved Rust-proof Golden Wax. An improvement on the original Golden Wax. The pods grow long, nearly straight, broad, flat and are clear yellow. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (If by Parcel Post add as noted above); 10 lbs., $2.50.

Wardwell's Kidney Wax Bean. A popular variety, bearing long, flat pods of a delicate waxy-yellow and stringless. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (If by Parcel Post add as noted); 10 lbs., $2.50.

DWARF VARIETIES OF SHELL BEANS

For winter use plant up to the middle of July.

Boston Pea, or Navy Bean. A small white Bean which is used in soup, or for baking. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 30 cts.; 2 lbs., 55 cts. (If by Parcel Post add as noted); 10 lbs., $2.25.

White Marrowfat. Extensively grown as a dry Bean for winter use. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 30 cts.; 2 lbs., 55 cts. (If by Parcel Post add as noted); 10 lbs., $2.25.

BEETS

For winter keeping use Edmand's Blood Turnip and Bastian's Half Long Blood. Sow from middle of June to middle of July.

Edmand's Blood Turnip. A good variety to follow extra early sorts, and one of the best for winter use. Grows with a short top and the skin is dark red, while the flesh is purple, slightly zoned and of good quality, being sweet and tender, and a very good keeper. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

Bastian's Half-Long Blood. A fine variety for either spring or winter use. The roots are smooth; flesh bright red, quality excellent and a good keeper. For winter use the seed should be sown early in July. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

Dreer's Special Crosby's Egyptian. This special selection of extra early Beet is a great improvement over the ordinary Crosby Egyptian, and is valuable both for the private gardener and those who grow Beets for market. The skin is very smooth, bright red and flesh-vermilion, very sweet and tender. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

CHINESE, or CELERY CABBAGE

A species of Cabbage which somewhat resembles Cos Lettuce in its growth and appearance. It is not new, but only recently grown to any extent in this country. It does not form a solid head like Cabbage, but grows loosely, in the manner of Cos Lettuce, and is served raw, like lettuce, or prepared as coleslaw, also boiled like Spinach. The seed should not be sown early, as the plants run to seed during the summer, and as it thrives best during cooler weather it is best to sow seed about the end of July, or during the early part of August. Plants will not stand transplanting, and the seed should be sown in drills about 20 inches apart, and after the plants have made sufficient growth, thin out to stand about 15 inches apart in the row. There are several varieties of Chinese Cabbage, but the two sorts offered below are the best for this climate.

Wong Bok Chinese Cabbage. (See cut.) The heads of this variety are broader than Pe-Tsai, and leaves fold tighter, making a more compact plant. The leaves are light green in color, and have broad white ribs, and the entire plant may be blanched pure white by covering it with burlap. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.50.

Pe-Tsai Chinese Cabbage. This variety makes an upright growth, and when ready for use it somewhat resembles Cos Lettuce. It produces an elongated head with pale green slightly crimped outer leaves and white ribs, which are thick and fleshy. The inside leaves blanch to a creamy white and have a very mild flavor. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

CAULIFLOWER

For the winter crop of Cauliflower sow seed during June or July, and set the plants out on a cloudy day.

Half Early Paris. A popular white sure-heading variety, good for early or late use. Pkt., 10 cts.; ½ oz., 80 cts.; oz., $1.50.

Lenormand's Short Stem. A large, late, short-stemmed variety. Very hardy and makes a handsome head. Pkt., 10 cts.; ½ oz., 60 cts.; oz., $1.00.

Algiers. An extra fine late variety, which is very dependable for the amateur. Pkt., 10 cts.; ½ oz., 60 cts.; oz., $1.00.

Veitch's Autumn Giant. One of the finest late varieties. The heads grow to a large size, very solid and compact, and continue fit to use over a long season. Pkt., 10 cts.; ½ oz., 50 cts.; oz., 85 cts.

CARROT

For fall and winter use, Carrots should be sown from the middle of June to the middle of July, using seed of Danver's Half-Long Orange, Rubicon and Nichol's Improved Long Orange.

Danver's Half-Long Orange. A rich orange-red variety, very smooth and handsome, producing very large crops. The roots taper to a blunt point; flesh sweet, crisp and tender. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

Improved Rubicon. Grows about the same length as Danver's but thicker, and a rich dark orange in color. Coreless, very tender and of excellent quality. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

Nichol's Improved Long Orange. A fine selection of the Long Orange Carrot. Sometimes attains 12 inches in length and is quite thick. Good for table use and feeding stock. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

SWEET CORN

Plant up to July 20th. July 5th use Stowell's Evergreen, or Country Gentleman. July 15th use Stabler's Early and July 20th Dreer's Aristocrat or Golden Bantam.

SWEET CORN BY PARCEL POST

Prices for Sweet Corn of all kinds are for same by express or freight at purchaser's expense. If wanted sent by Parcel Post, add as follows: To points east of Mississippi River, 7 cts. lb.; west of Mississippi River, 12 cts. lb.

Stowell's Evergreen, Improved. This well-known variety is largely planted for the late, or main crop and is very productive. The ears grow to a large size and grains are very tender and sugary. It remains in good condition, suitable for cooking, for a long time. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post, add as stated above); 10 lbs., $2.50.

Country Gentleman, Little Gem, or Shoe Peg. A popular variety which ripens about same time as Stowell's Evergreen. Ears medium size, deep grains in irregular rows, deliciously sweet, tender and milky. Pkt., 10 cts.; postpaid. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as stated above); 10 lbs., $3.00.

Stabler's Early. (See cut.) Of much larger size than usual for the second early Sweet Corn and of most delicious flavor. The grains are broad, very tender and sweet. This is the best variety for planting up to July 15th. And the most desirable of the intermediate sorts. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated above); 10 lbs., $2.50.

Dreer's Aristocrat. This delicious Sweet Corn was first introduced by us a few years ago. It is an extra early variety, ripening with the Cory. The grains are extremely sweet, and, being broad, allow of easy scoring with a knife preparatory to buttering when eating from the cob. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if wanted by Parcel Post add as stated above); 10 lbs., $3.00.

Golden Bantam. Grains are yellow and ears measure about five inches in length, and grains very sweet. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as stated above); 10 lbs., $3.00.

CORN SALAD (Fetticus)

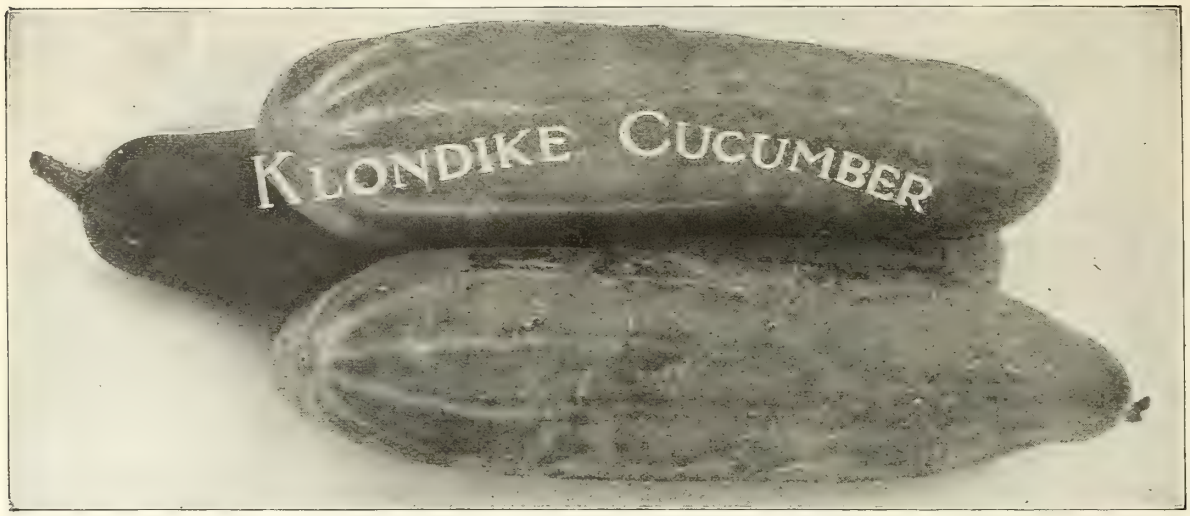
An excellent salad plant which is used as a substitute for spinach. The seed is sown during August and September and plants covered with litter upon the approach of frost.

Large Seeded. A strong growing variety which is of a large size and produces long, narrow leaves and is of good quality. It is the best variety for the home garden. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

COLLARDS

Culture.—In the southern states seed of Collards may be sown from August to September. The crop is grown like cabbage and plants may either stand in the seed row, or be transplanted.

Creole or Southern. Cabbage greens, used as a substitute for Cabbage in the South. Grows two or three feet high and forms a bunch of leaves on the long stems. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.



CUCUMBER

Seed may be sown until July 15, and for slicing we recommend Klondike, or if wanted for pickles use Green Prolific, Everbearing or Long Green.

Green Prolific. This is a very good pickling variety; dark green skin and exceedingly productive, medium size. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

Everbearing. Produces pickles and cucumbers until frost. Very productive; fruits of all sizes on the vines at the same time. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.

Long Green (*Jersey Pickle*). Fruits long, firm and crisp. Use small size for pickles and large for sweet pickles. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

Early Fortune. Produces an abundant crop of Cucumbers which are slightly longer than Arlington White Spine, more cylindrical in shape and have a very dark green skin. The flesh is thick, seed cavity relatively small and the quality is excellent. This variety is one of the best introduced in years. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

Klondike. (See cut.) One of the best for slicing. The color is rich dark green, and it grows to a uniform size, measuring about seven inches in length and two inches thick when in condition for use. Excellent for growing during summer. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

Kale or Borecole

Makes excellent greens for spring use. Sow in September and protect with litter during winter. The green leaves may sometimes be gathered from under the snow.

Dreer's Imperial Long Standing Kale. (See cut.) A beautifully curled and crimped variety, which is of strong, vigorous habit, perfectly hardy, bright green color, and very attractive appearance. The plant is of spreading habit of growth, the leaves are large and furnish an abundance of greens during the fall, winter and spring. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.25.

Dwarf Green Curled. Leaves yellowish-green, very compact and beautifully curled, This variety is hardy, and the flavor is improved rather than harmed by frost. Leaves are long, deeply cut, finely curled and quite ornamental. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00

Dwarf Curled Scotch. The leaves are bright green and curled, very tender and of fine flavor. It is largely grown in the Southern States, also very hardy in the North, and the quality and flavor are excellent. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

ENDIVE

This salad vegetable should be more largely grown, as its culture is very easy. For fall use the seed may be sown until August, and as it only requires about the same time to grow as lettuce, it makes an excellent fall vegetable.

Dreer's Giant Fringed. A strong-growing variety with large white heart, broad stems and curly leaves. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Green Curled Winter. Standard sort for fall and winter crop. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.

Broad-leaved Batavian (*Escarolle*). Leaves broad, light green, nearly plain. Used in stews, soups and as a salad. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.

KOHL-RABI

Bulb grows above the ground and looks like a leafy turnip. Seed may be sown until middle of summer. It is usually boiled and served with a dressing, and has the combined flavor of the cabbage and turnip.

Early White or Green Vienna Kohl-Rabi. Flesh white and tender. A standard sort for market and table use. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.

Early Purple Vienna Kohl-Rabi. A small, early variety. Skin purple, but flesh white and of good flavor. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.

Dreer's "All-Heart." (See cut.) Introduced by us several years ago and has continually grown in the favor of both private and market gardeners. It is the most reliable hard-heading lettuce, far superior to all other varieties of cabbage-lettuce, and adapted to both spring and summer use, as it withstands intense heat and forms magnificent heads with leaves closely set, extremely solid heart, even before it is half grown. The color is a beautiful yellowish-green, and the flavor is excellent, being rich and buttery. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.

French Unrivaled. A sure-heading variety, which is suitable for growing at any season. Forms large, compact, buttery heads, and is slow to shoot to seed. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

Dreer's Wonderful. The large white heads resemble cabbage in their solidity, and frequently weigh 2 and 3 lbs. each. The quality is superb, being crisp, rich and tender. It withstands the heat well and is an excellent variety to grow during the summer. Pkt., 10 cts.; oz., 75 cts.

Dreer's Improved Hanson. This superior Lettuce, which we originally introduced, is one of the best summer heat-resisting sorts. Heads grow to good size, are sweet, tender and crisp. Color is light green and leaves, which are crumpled, tightly overlap each other. For outdoor culture it is unequalled. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.

LEEK

This vegetable belongs to the onion family, but is milder in flavor. The seed may be sown in August or September, and plants transplanted early in the following spring.

Dreer's Prizetaker Leek. This leek grows very long and thick, pure white and attractive in appearance. On account of its size and general appearance, this variety is an ideal one for growing to show at exhibitions in the fall. Pkt., 10 cts.; oz., 45 cts.; ¼ lb., $1.25.

London, or American Flag. A popular sort, which makes a good growth, is hardy and of good quality. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

PARSLEY

Excellent for garnishing meats and salads. The roots may be taken up in the fall, planted in boxes or pots and grown in a sunny window for winter use.

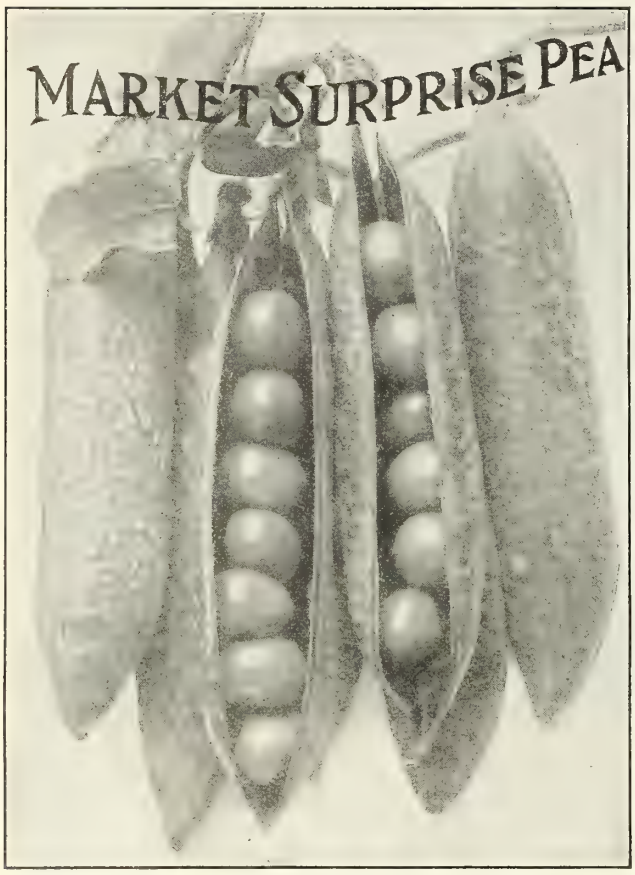
Dreer's Dwarf Perfection. (See cut.) A compact variety, with fine curled leaves, closely set. Color bright pea-green, and the flavor is excellent. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00; lb., $3.50.

Dreer's Summer Green. Especially adapted for summer crop. It is a strong and vigorous grower, and produces large, finely curled leaves which are of beautiful dark green color. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.25.

Champion Moss Curled. A distinct variety, beautifully curled. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

Plain. Leaves not curled. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

Fern Leaved. Dark green. Stands winter if covered before frost. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.25.



Market Surprise. (See cut.) This variety was sent to us by a leading seed grower in England, and in a careful test, made at our trial grounds, we found it to be a valuable addition to the early varieties and well adapted for the use of both amateurs and market gardeners. The plant grows to a height of 30 inches, and is very thrifty, producing pods in large quantities and peas of splendid quality. Pkt., 10 cts., postpaid. By express or freight at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $4.00.

SPINACH

A very healthful vegetable, easy to grow.

Dreer's Round-seeded Savoy. (See cut.) This is the hardiest large Savoy-leaved; curled and crimpled, with thick, fleshy leaves; excellent for family use, and best of all for fall sowing. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Victoria. This variety is of remarkably fine texture, of the deepest green color, heavily crimpled; thick, fleshy leaves, deep red stem; it is now grown extensively by the truckers of our markets, who value it highly. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 85 cts.

Long Season. Sowings can be made during the Summer. The leaves are a rich dark green color, very thick, crimped and of splendid quality. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 85 cts.

New Zealand. This endures heat and is good for summer use as it continues to grow, and may be used throughout the season. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

SUCCESSIVE PLANTINGS

Many amateurs overlook the value of planting vegetable seeds as long as there is a chance of the crop maturing before frost. Do not be in this class, but get all you can from your garden by replanting as soon as any space is made available by the maturing of crops.

Dreer's Selected Garden Peas

Peas do not do well if planted during hot weather, but sowings of the early sorts, made in August, generally bring good results, and it is nice to have green peas fresh from the garden during the early fall months. Dreer's Eureka and Dreer's Electric Extra Early Peas are especially desirable for this purpose.

PEAS BY PARCEL POST

The prices given in this catalogue for Peas of all kinds are for same to be sent by express or freight at purchaser's expense. If wanted sent by Parcel Post, remit extra as follows:

To points East of Mississippi River, 7 cts. per pound.

To points West of Mississippi River, 12 cts. per pound.

Dreer's Eureka Extra Early. One of the earliest and most prolific extra early varieties, which has given good results wherever grown. Vines grow to a height of about 20 inches, and are very robust, bearing an abundant crop of pods which measure about 2½ inches in length, and are well filled with peas of excellent flavor. It is an extremely even cropper, and can be gathered clean in two pickings; height 20 inches. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $3.00.

Dreer's Electric Extra Early. This has been our leading variety of Extra Early Peas for years, and is the best of the small, round, blue-seeded extra early sorts. The vines grow very uniform, and attain a height of 2½ feet, bearing an abundant crop of medium size, dark green pods, which are well filled with Peas of good flavor. It is not only valuable for early use, but is especially adapted for planting in August. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if wanted by Parcel Post, add as stated at top of page); 10 lbs., $3.00.

Gradus, or Prosperity. This splendid variety of wrinkled Pea combines the finest quality with extreme earliness. Grows vigorous and healthy; vines about three feet in height, bearing large pods which are well filled with beautiful light green Peas, which color they retain after being cooked. The quality and flavor are delicious, and a valuable feature with the "Gradus" is, that the Peas remain tender and sweet for a long time after having been picked from the vines. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $4.00.

RADISH

Sow Radish Seed about every two weeks, growing only about what quantity you can use between crops. Summer varieties should be used for planting during July and August, as they withstand hot weather better than the early sorts. For winter use sow seed of the Winter Varieties in July, and they can be harvested before severe frosts and stored in sand in a cool cellar.

SUMMER RADISHES

Icicle Radish. (See cut.) Can be used for summer or in forcing frames, and makes radishes measuring from four to five inches long and half to three-quarter inch thick. Matures earlier than any other long white radish, and is attractive, being pure white, almost transparent, and very tender. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

Dreer's White Delicacy. An attractive white variety, which is a great improvement on the White Strasburg, being earlier, more evenly shaped and smaller top. It grows from 4 to 5 inches in length, tapers to a point and the flesh is very tender. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

Long White Vienna, or Lady Finger. An excellent variety for growing during the summer months and one of the most popular of the long white varieties. The tops grow to a medium size and the skin and flesh are pure snow-white. The quality is good, being crisp and tender. It grows fast and will prove satisfactory in all sections. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

White Strasburg. Roots oblong, pure white and are of a mild flavor. Can be used while quite small. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

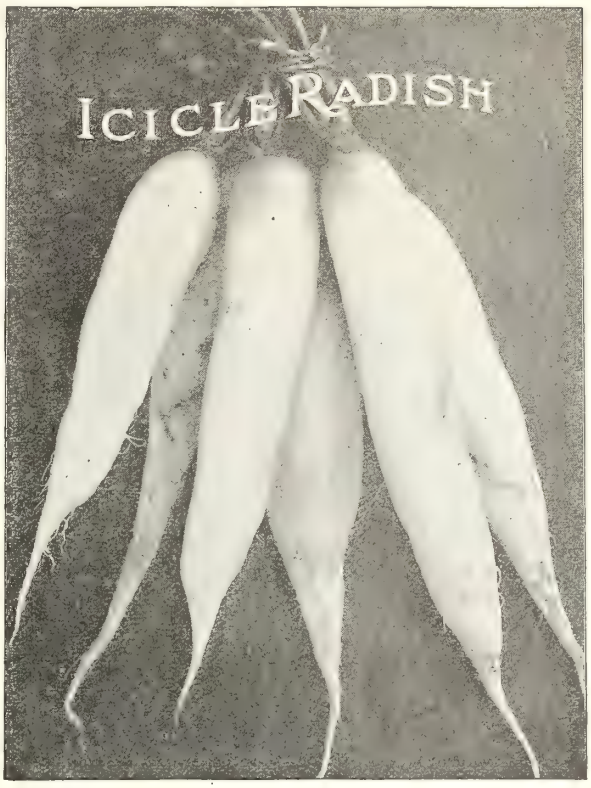
Beckert's Chartier. A very satisfactory variety for use during the early portion of summer. It grows long in shape and the color of skin is crimson shaded to white at the tip. May be used while small and holds its quality until quite large. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

WINTER VARIETIES *Sow in July.*

White Chinese or Celestial. The best Winter Radish. It is stump-rooted, and even when large the Radishes are solid, crisp and of a mild flavor. The skin is pure white, and Radishes may be used at all stages of growth. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

Scarlet China. Roots are oblong in shape and bright rose color. Flesh white, crisp and pungent. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

Long Black, and Long White Spanish. Both hot in flavor and good keepers. Price of each, Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.



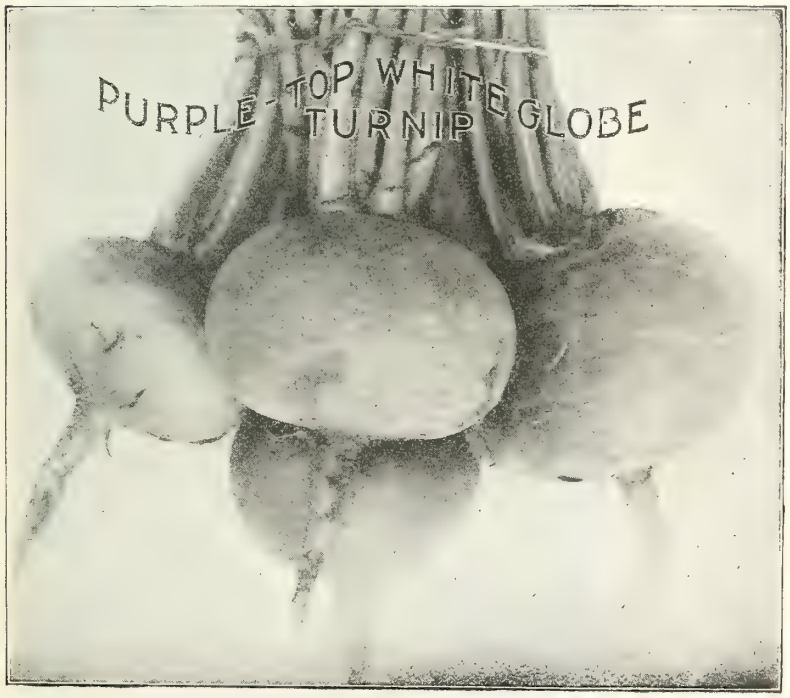
TURNIP

This is an autumn cropping plant, and seeds may be sown as late as the early part of August. For winter use store away in a cool cellar and cover with a few inches of dry earth.

Purple-Top White Globe. (See cut.) Globular shape, handsome and of superior quality, either for the table or stock. A heavy producer, early, and a good keeper. It is the leading variety of turnip and considered the best kind to grow. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

Red or Purple-Top. (*Strap-Leaf.*) Good for early spring and fall use; top red or purple above ground, flesh fine grained, mild flavor. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

Yellow Globe (*Amber Globe*). One of the best yellow turnips for a general crop. Produces a globe-shaped root, with smooth skin and light yellow flesh, which is firm and sweet. Excellent for table use or feeding stock. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.



RUTABAGA

These are larger than the ordinary turnip and used both for the table and feeding stock. The seed should be sown before the end of July, and they may be stored in cellar same as turnips.

Dreer's Improved Purple-Top. This special strain is remarkable for uniform shape and fine quality. It grows to a large size; skin is smooth, flesh yellow and fine-grained. The flavor is good, being very sweet. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

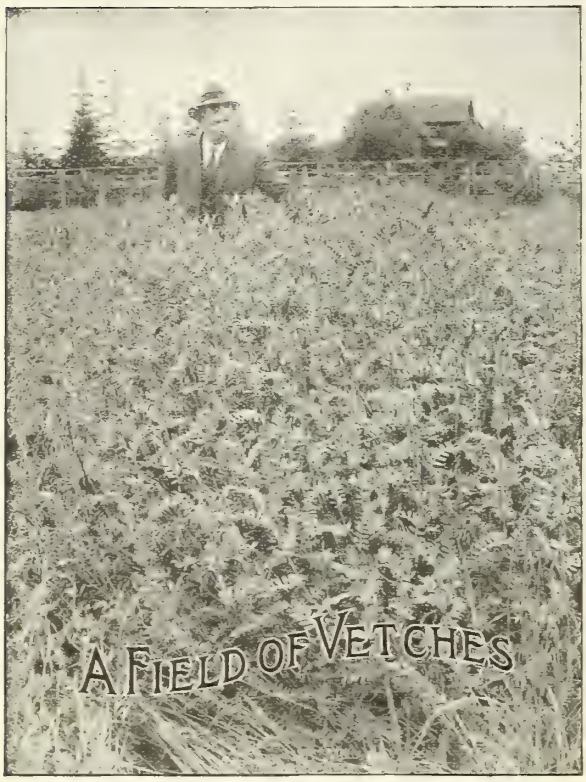
American Purple-Top. Very hardy and productive; flesh yellow, solid, sweet; good for stock or table use. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 90 cts.

Budlong's Improved. White, very sweet, much milder flavor than any of the other sorts; globe-shaped. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

FARM SEEDS FOR SUMMER SOWING

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Write for Samples and Prices on any Field Seed wanted and not offered on this page



MANGELS AND SUGAR BEETS

	Oz.	By Mail. ¼ lb.	Lb.	By Express. 10 lbs.
Mangel Wurzel—				
Mammoth Long Red	10	20	60	$5.00
Red Globe	10	20	60	5.00
Golden Tankard	10	20	60	5.00
Yellow, or Orange Globe	10	20	60	5.00
Sugar Beets—				
Klein Wanzleben	10	20	60	5.00
Lane's Improved White Sugar	10	20	60	5.00

MILLETS

Golden Millet (*Panicum Germanicum*). A valuable annual hay and fodder crop. Grows 4 to 5 feet high. Sow 1 bushel to acre. Write for price, stating quantity wanted.

Hungarian Millet (*Panicum Hungariensis*). An annual forage plant, early and productive, growing 2 to 3 feet high, with an abundance of foliage. Sow 1 bushel to the acre. Write for price, stating quantity wanted.

Japanese Barnyard Millet (*Panicum Crus-galli*). An excellent fodder plant; grows 6 to 8 feet high. Sow between middle of May and end of July. Lb., 35 cts., postpaid. By express or freight, at purchaser's expense, 10 lbs., $1.50; 50 lbs., $6.00; 100 lbs., $10.00.

DWARF ESSEX RAPE

A foliage plant of highest value. For fall crop sow in July, August and September. It is sown broadcast, 10 lbs. to the acre, but is better drilled, in which case 5 lbs. to the acre will suffice. In few weeks from time of sowing, sheep, hogs or cattle can be turned on it. Per lb., 35 cts., postpaid. Write for price, stating quantity desired.

BUCKWHEAT

Japanese. The best variety. Makes strong growth, and the kernel is large. Write for price, stating quantity wanted.

VETCH

Winter Vetches, or Tares (*Vicia Villosa*). Also called Sand Vetch, or Hairy Vetch. Recommended for fall sowing with rye, which serves as a support. It is perfectly hardy in all parts of the country, and maturing fully four weeks earlier than Scarlet Clover, it can be harvested or plowed under and the ground used for the usual spring crops. It is the best green-manure crop that can be grown. Lb., 45 cts., postpaid. Bushel, 60 lbs. Write for Leaflet and price.

ALFALFA (Medicago Sativa)

It is an established fact that Alfalfa sown during August will prove more satisfactory than when sown during the spring, especially if American-grown seed is sown. After once established it will produce three to four heavy cuttings in a season, making a total of from three to six tons of nutritious hay per acre. We handle only high-grade American Grown Seed of Alfalfa, and will be pleased to send sample and price on application. We have published a Special Leaflet on Alfalfa, which tells how and when to prepare the land, sow seed, cure and harvest the crop. A copy mailed free on request.

CRIMSON OR SCARLET CLOVER

Crimson Clover has become wonderfully popular both for pasture and hay crop, also as a green manure for plowing in. It can be seeded at any time from June to October at the rate of 15 to 20 lbs. per acre, and makes the earliest possible green pasture, blooming the latter part of April or May, and for feeding as hay should be cut just before coming into full bloom. One acre grown at the New Jersey Experimental Station yielded, May 31, 6997 pounds of organic matter, 312 pounds of nitrogen, 52 pounds of phosphoric acid and 186½ pounds of potash. The nitrogen alone was fully equal to that found in 20 tons of stable manure, and at such a small cost. It not only builds up worn out soils, when turned under, but rich soils are kept up to their fertility with less cost than by any other means. Lb., 35 cts., postpaid. Write for special circular and price of seed per bushel.

Tools, Implements and Supplies

FOR COMPLETE LIST OF GARDEN TOOLS, SEE OUR 1922 GARDEN BOOK

WIRE CARNATION SUPPORT

Aprons. To protect the clothing while doing any work in garden or greenhouse.

Rubber, heavy	$3.00
Rubber, light	1.75
Canvas, light	1.25

Bowls, green, for bulbs.....6 inches diameter, 60 cts.; 8 inches, 75 cts.

Carnation Supports. This support is most popular and is quite satisfactory.

	Dozen	Hundred	Thousand
2 rings	$1.00	$6.00	$48.00
3 rings	1.25	6.50	53.00

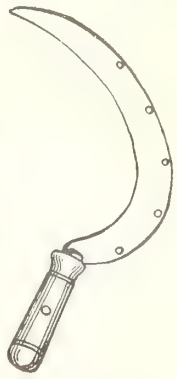
Celery Bleacher. The Ball Celery Bleaching Tubes are made of heavy waterproofed paper. With them very early celery can be had for the table since they may be placed any time the plants are large enough. Free circulation of air in the tubes keeps the plants in good condition, even in hot or wet weather. The clean celery thus obtained more than repays the cost, especially for private use.

	Dozen	Hundred	Thousand
6 x 12 inches	$0.45	$3.25	$28.00
6½ x 13 inches	.50	3.50	32.50
7 x 14 inches	.55	4.00	37.00

When putting on celery bleaching tubes the operation is made easier by using the Ball Celery Handler, price.....Tin, $1.75; Brass, $3.75.

Cultivators, see "Weeders," page 44.

CELERY BLEACHER



GRASS HOOK OR SICKLE Riveted Back

LITTLE GIANT GRASS HOOK

CULTURES FOR LEGUMES

Legumes are quite generally sown in the fall of the year as a cover crop because they aid materially in fertilizing the soil. They are the only plants, as a class, that can assimilate the nitrogen of the air as part of their food. This action is entirely due to the presence of nitrogen fixing bacteria. The nitrogen so obtained remains in the ground when the plants decay, thereby enriching the soil.

The application of bacteria culture to the seed of legumes, when planting, greatly increases the nitrogen gathering power, and greatly increases also the yield of the crop. With one exception, it is necessary to get a culture specifically for the crop to be treated. Cultures can be obtained for the following crops:

Alfalfa	Burr Clover	Canada Field Peas
Garden Beans	Crimson Clover	Cow Peas
Lima Beans	Red Clover	Garden Peas
Velvet Beans	Sweet Clover	Sweet Peas
Soy Beans	White Clover	Peanuts
Alsike Clover	Lupines	Vetch

Write for booklet giving full information.

SIMPLEX GARDEN LABEL

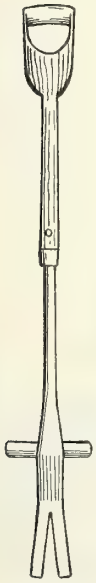
MULFORD CULTURE

⅛-acre size. Supplied only for Garden Peas, Garden Beans, Lima Beans, and Sweet Peas	$0.35
¼-acre size	.75
1-acre size	1.50
5-acre size	5.00

FARMOGERM

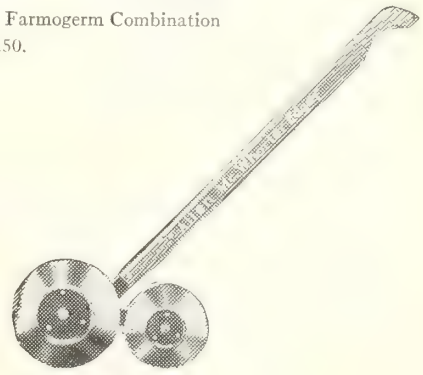
¼-acre size. Supplied only for Garden Peas, Garden Beans and Sweet Peas	$0.50
1-acre size	1.00
3-acre size	2.50
12-acre size	9.00

The one culture that can be used for more than one crop is the Farmogerm Combination Culture for Peas, Beans and Sweet Peas, in ¼-acre size only, $0.50.

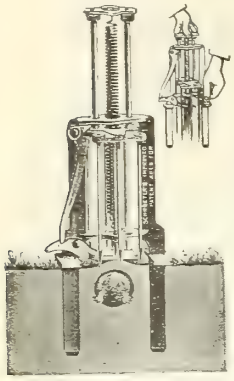


DOCK EXTRACTOR

KEYSTONE LEAF RACK ATTACHMENT



MCWHORTER EDGER



SCHROETER MOLE TRAP

Dock Extractors. For pulling docks and other large weeds. See page 41.
36-inch handle.....$3.50
Light extractor, 17 inches long..... 1.50

Fertilizers, see page 48.

Gloves. Heavy gloves to protect against briars, etc.
Buckskin or horsehide.....$3.00

Grass Edgers. To keep grounds neat and attractive, the grass bordering walks must be frequently edged. These machines will do the work quickly and with little effort.
Planet Jr., single disc.....$1.50
McWharter, two discs..... 2.00

Grass Edging Knives. With handles, English.....8-in., $2.00; 9-in., 2.25
American, 9-in..... 1.50

Grass Hooks or Sickles. English, riveted back, No. 2, 90 cts.; No. 3, 95 cts.; No. 4, $1.00; Solid Back, 70 cts.; Little Giant, 75 cts.; Austrian, a very light, thin blade, 65 cts.; Dreer, a light narrow blade..... .60

Hose and Hose Attachments, see page 46.

Insecticides, see page 48.

Labels. Much better information is gained in growing plants if they are carefully marked.

Wood, for pot and garden plants.

Size	Per 100	Per 1000	Size	Per 100	Per 1000
4 in.	$0.25	$1.60	8 in.	$1.25	$7.50
5 in.	.35	2.00	10 in.	1.70	9.50
6 in.	.45	2.50	12 in.	2.25	12.50

$3\frac{1}{2}$ inch wood, wired, for trees, shrubs, etc.; per 100, 45 cts.; per 1000.....$2.75
Copper, wired, for trees, marking is done with a stylus, $3\frac{1}{2}$ in., per doz., 30 cts ; per 100..... 1.75
Zinc, for trees, marking is done with label ink. 1 in. x 4 in., per 100..... 1.70
Simplex. Weatherproof. Writing is protected by a transparent cover, and will last indefinitely if done with lead pencil. Illustrated on page 41.

Plant Labels, copper wired.

Size	Per doz.	Per hundred
No. 1, 3 x $\frac{1}{2}$ inches	$0.35	$2.10
No. 2, 4 x $\frac{3}{4}$ inches	.70	4.25
No. 3, 5 x 1 inches	1.10	6.50

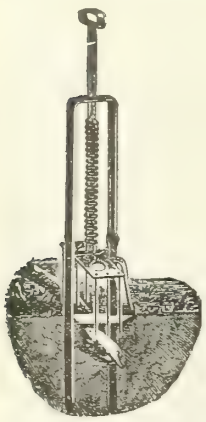
Garden Labels, 18 inches long.

No. 10, card $2\frac{3}{4}$ x $1\frac{1}{2}$ inches, each.....$0.25
No. 11, card 3 x 2 inches, each..... .30

Label Ink. Indelible, for zinc labels, per bottle..... .35

Label Pencils. Special black, each 10 cts.; dozen..... 1.00

Leaf Racks. The Keystone Leaf Rack can be used on any wheelbarrow with removable sides. Made of galvanized wire bolted to a wooden base, with a capacity of 10 bushels, it is quite convenient for gathering leaves, cut grass and rubbish. Illustrated page 41. Price, not including wheelbarrow.... 7.50



REDDICK MOLE TRAP

Mole Traps. Traps are of great assistance in preventing the ravages of moles, the destroyers of beautiful lawns.
Schroeter, $2.00; Reddick, $1.00; Out-O-Sight.....$1.25

Mowers, see back cover.

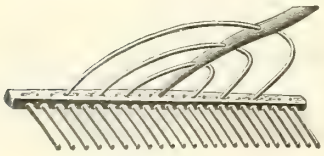
Pot Hangers. An easily attached wire arrangement for hanging pots. For 5, 6, 7, and 8 inch pots, each, 7 cts.; doz..... .50

WIRE POT HANGER

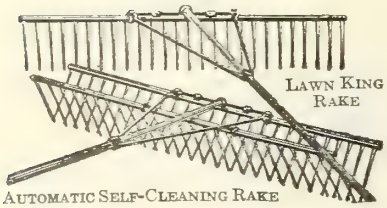
Rakes, Lawn. Ames, wood with 3 steel bows..... 1.25
Automatic, self-cleaning, wood, 22 teeth, $1.00; 26 teeth, $1.25; 38 teeth, $1.50; 50 teeth..... 2.00
Gem Dandelion. Flat, blade-like teeth that clip off buds and blossoms of Dandelions. Has a self-cleaning attachment; one of the most efficient lawn rakes. 16 inch, $2.75; 24 inch..... 3.50
Hustler, galvanized steel wire, 24 teeth, $1.00; 36 teeth..... 1.25
Lawn King, wood, 22 teeth, 70 cts.; 26 teeth, 75 cts.; 38 teeth, $1.25; 50 teeth..... 1.50

Rollers, Water Ballast. This is a very easy running roller, having roller bearings, and counterpoise weights which counterbalance weight of handle. The special feature of this roller is that it can be adjusted to any weight with water. Counterpoise weights, $4.00, not included in the following prices:

No.	Diameter	Width	Empty	Filled	Price
1420	14-in.	20-in.	50 lbs.	150 lbs.	$16.00
1824	18-in.	23-in.	85 lbs.	300 lbs.	20.00
2424	23-in.	23-in.	110 lbs.	500 lbs.	25.00

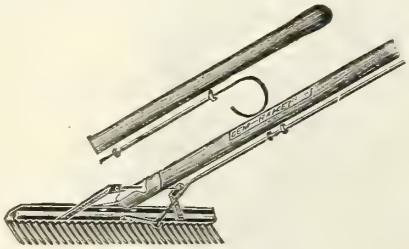


AMES RAKE

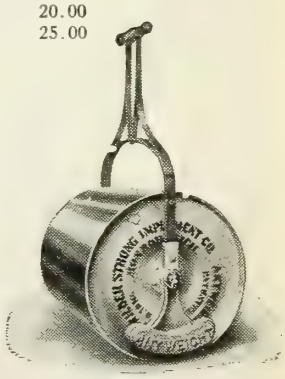


LAWN KING RAKE

AUTOMATIC SELF-CLEANING RAKE



THE "GEM" DANDELION LAWN RAKE



WATER BALLAST ROLLER

Scissors. Flower gathering, hold flower when cut.....$1.50
Grape Thinning..... 1.25
Scythes. English, riveted back, 30 and 32 in., $2.50; 35-in., $2.60; 36-in., $2.75; 38-in..... 3.50
American, $2.00; heavy bush, short blade..... 2.25
Scythe Snath or Handle..... 1.50

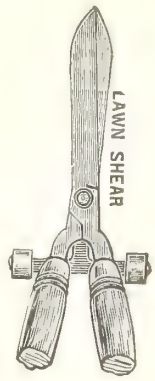
Flower Gathering Scissors

Shears. Border, for edging walks, beds, etc. These shears eliminate necessity of stooping.

	With Wheel	Without Wheel
9-in. American	$3.75	$3.00
10-in. American	4.00	3.25
9-in. Imported	5.00	4.25
10-in. Imported	5.25	4.75

Grape Thinning Scissors

Lawn Shears, with two wheels. Of great help in trimming under shrubbery and fences, American, $3.75; Imported.....$5.50
Grass or Sheep Shears. American, 5½-in., 75 cts.; 7-in..... 1.00
Imported, 5½-in., $1.50; 7-in..... 1.75
Hand Pruning. First quality, 6-in., rose or ladies' shear, $1.50; 8-in., $2.00; 9-in..... 2.25
Second quality, 8-in., $1.00; 9-in..... 1.25
Dreer Special, 9-in., $2.00; per dozen.....20.00
French, wheel spring, 7-in., $2.00; 8-in., $2.25; 9-in., $2.50; 10-in..... 3.50
Wiss, 9-in., heavy. We believe this the best shear made..... 3.50
Grape Thinning..... .75
Hedge Shears, notched. American, 5½-in., ladies, $1.25; 8-in., $2.00; 9-in., $2.25; 10-in., $2.50; 12-in..... 3.00
Imported, 5½-in., $2.50; 8-in., $2.75; 9-in., $3.00; 10-in., $3.50; 12-in..... 4.50
Sieves. 18-in., $1.60; 20-in..... 1.70
12-in., 8 meshes to the inch..... 1.10
Spuds. For cutting roots, weeds, etc. 4-ft. handle, $1.25; 31-in. handle..... .35
Sprayers, see page 45.
Sprinklers for the lawn, see page 47.



Lawn Shear

Stakes. Light, tapering, round, painted green:

	Each.	Doz.	100		Each.	Doz.	100
1½ ft.	$0.04	$0.35	$1.90	3½ ft.	$0.12	$1.30	$8.40
2 "	.05	.45	3.50	4 "	.13	1.45	10.00
2½ "	.08	.75	5.15	5 "	.18	1.90	13.40
3 "	.10	.95	6.80				

Grass Shear

Heavy Rose or Dahlia. Round, painted green:

	Each.	Doz.	100		Each.	Doz.	100
3 ft.	$0.14	$1.50	$10.75	5 ft.	$0.22	$2.50	$18.25
4 "	.17	1.85	14.25	6 "	.28	3.19	22.35

French Pruning Shear

Square. Painted green. A good, strong stake:

	Each.	Doz.	100		Each.	Doz.	100
1½ ft.	$0.03	$0.30	$1.85	3½ ft.	$0.14	$1.25	$9.00
2 "	.06	.54	3.50	4 "	.17	1.60	10.00
2½ "	.07	.75	5.50	5 "	.25	2.25	14.25
3 "	.11	1.00	7.00	6 "	.30	2.75	18.00

Plain Unpainted Dowels:

Length	Diameter	
42 inches	¼ inch	Doz., 30 cts.; 100, $1.50; 1000, $12.50
42 "	⅜ "	" 35 " " 2.00; " 13.50
42 "	⅝ "	" 40 " " 3.00; " 20.00
36 "	½ "	" 35 " " 2.00; " 16.00

Dyed Green. Add 25 cts. per 100; $2.00 per 1000.

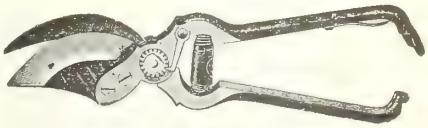
Galvanized Hard Drawn Steel. Wire Stakes:

	Doz.	100		Doz.	100
2 ft.	$0.25	$1.00	4 ft.	$0.45	$1.80
2½ "	.30	1.25	4½ "	.50	2.00
3 "	.35	1.50	5 "	.55	2.25
3½ "	.40	1.60	6 "	.60	2 75

Border Shears

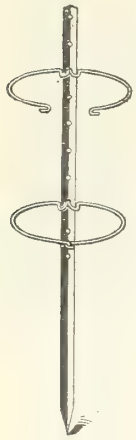
Steel Spud

Hedge Shear


Wiss' Shears

Western Cane Stakes. These must not be confused with the Southern stock. While not quite as large, they are much firmer and will outlast the Southern Cane many times over.

	100	500	1000
6 to 8 ft.	$3.00	$13.00	$25.00
9 to 12 ft.	5.00	27.50	40.00



Hanner Plant Support

Trellises. Carnation supports, see page 41.

Tomato or Peony Trellises. A much better crop is obtained by training tomatoes on a support. Also it is to be preferred that many flowering plants be given some support.

Model, wire, each, 40 cts.; doz., $4.25; 100 ..... $31.00
Hanner, adjustable, each, 40 cts.; doz., $4.25; 100 ..... 31.00
Wire Fan, for small vines, 12-in., 35 cts.; 15-in., 40 cts.; 18-in., 50 cts.; 24-in. ..... .75

Large Trellises and Arches. It is necessary for us to quote only on specific inquiry.

Trowels. American, 5-inch, 20 cts.; 6-inch ..... .25
English pattern, 6-inch, 65 cts.; 7-inch ..... .75
Steel shank, extra heavy ..... .75
Transplanting, hoe shaped ..... .60
Transplanting, narrow steel blade ..... .25

Trucks. Combination truck, water barrel and leaf rack, complete with 2½-in. tires 39.50

A very convenient combination, as the units are detachable and easily adjusted. Barrels with trunnions attached can be picked up by merely raising and lowering the truck handles. Weight is evenly balanced on axles.

Truck, frame and wheels only 14.50
Barrel, $7.50; Box, $5.25. Leaf Rack 11.50
Trunnions 1.00

Twine. Cotton, green. Per ball, 10 cts.; per lb. ..... .70
Cotton, white, 2, 3, and 5 ply. Per ball, 10 cts.; per lb. ..... .55
Jute, 2, 3, and 5 ply. Per ball, 15 cts.; per lb. ..... .30
Silkaline, a strong green thread for tying plants; fine, medium and coarse, per spool, 35 cts.; per lb. of 8 spools. 2.50

Model Peony or Tomato Trellis

Watering Cans.

	Light Round	Heavy Round	Heavy Oval
4 qt.	$0.80	$3.50	
6 qt.	1.00	3.85	$4.50
8 qt.	1.20	4.15	4.75
10 qt.	1.30	4.50	5.00
12 qt.	1.40	4.90	5.75
16 qt.	1.65	5.50	6.50

Above cans are galvanized, heavy cans, being of very fine quality. Light cans have one rose; heavy cans two. Extra roses, for heavy cans only ..... .50
Low, for greenhouse, galvanized, 4 qts. 2.75
Light weight, painted nile green, furnished with spout and rose, 2 qts., $2.25; 4 qts., $2.50; 6 qts. 3.50
Window watering, long spout, green, 2 qts. 2.25

Weed Gun. For applying Weed Killer 1.25
Weeders. Eureka, 50 cts.; Excelsior, 15 cts.; Hazeltine, 50 cts.; Lang's 25 cts.;
Magic ..... .35
Dandelion, Lawn Weeder 1.00
Norcross Garden Cultivator and Weeder.
5 prong, long handle 1.00
3 prong, long handle ..... .75
3 prong, short handle ..... .50

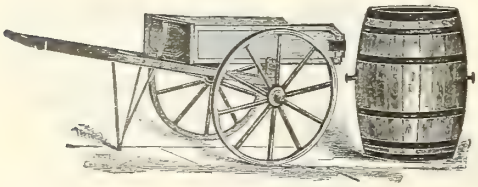
Wheelbarrows. No. 4, Garden, 1¾ in. tire, $7.50; 3 in. tire 8.00
No. 5, Garden, 1¾ in. tire, $8.25; 3 in. tire 8.75
Greenhouse, narrow 12.00
Boys', $7.00; Dreer Special, Garden 11.50

Steel Shank Trowel (Extra Heavy)

English Pattern Steel Trowel

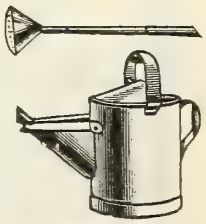
Eureka Weeder

Oval Galvanized Watering Can



Truck

Truck and Leaf Rack

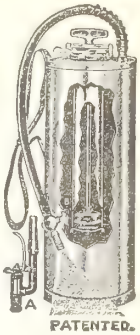


Round Galvanized Watering Can

SPRAYERS AND ACCESSORIES

See Also Hose Accessories, page 46

TIN POWDER DUSTER



AUTO SPRAY

Auto Spray. A four gallon compressed air sprayer, simple and easy to carry. No tools required to take it apart. Galvanized, $6.00; brass $9.00
Automatic nozzle, "Auto Pop," extra ..... .50
"Auto Pop" nozzles separate 2.00
2 ft. extension rods, galvanized, 50 cts.; brass ..... .60
Copper strainer for filling tank 1.50

Auto Spray Whitewashing Machine. A general purpose sprayer; fitted with 8 feet of hose and 2 feet extension pipe; 8 gallon tank. Galvanized, $22.50; brass 27.50

Barrel Spray Pump. Deming's "Century," a powerful pump, without barrel, $18.00; with 12½-ft. section of ½-in. hose and nozzle 22.00
Deming's "Major," without barrel, $13.00; with 12½-ft. section of ½-in. hose and nozzle 17.00

Bucket Spray Pumps. Deming's "Perfect Success," with hose and nozzle 8.50
Deming's "Prize," with nozzle and 3 feet of hose 5.80

Deming's "Gardener's Choice" Spray Outfit. A tank on wheels, holds 25 gallons, fitted with a powerful pump; complete with 6 feet hose and nozzle 45.50

Knapsack Sprayer. Vermorel Eclair, a French machine, as illustrated 25.00

Wheelbarrow Sprayer, Hayes 28.00

Rubber Sprinkler. 10 oz., straight or angular neck 1.25
8 oz., straight or angular neck 1.00

Hand Sprayers.
Atomizers, tin, 1 pt., 40 cts.; 1 qt. ..... .50
" brass, 1 qt 1.25
Compressed Air, 1 qt., tin, $1.10; brass, $1.25 and 1.50

Nozzles. Bordeaux, $1.35; Vermorel, $1.00; Non-clog, $1.00; Simplex, straight, 65 cts.; angle .. .70

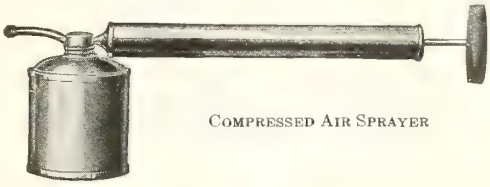
Extension Rods, Iron. 4 ft., 60 cts.; bamboo, brass lined, 10 ft., with stopcock 6.00

Greenhouse Syringe. Brass.
No. 101, 1 x 12 inches, rose and jet 4.00
No. 102, 1¼ x 16 " " " " 6.00
No. 103, 1½ x 16 " " " " 7.00
No. 110, 1½ x 18 " fine and coarse rose and jet 9.25

Powder Distributors.
Tin Dusters, for sifting powder on plants 1.00
Leggett's "Champion Insecticide Duster." 14.00
Hand Powder Gun ..... .35
Bellows. Woodason's, double cone 6.00
Single cone, small, $3.00; large 4.50
Sulphur 3.75
Powder Sprayer. 1 qt., similar to hand sprayer, illustrated, page 224 ..... .75

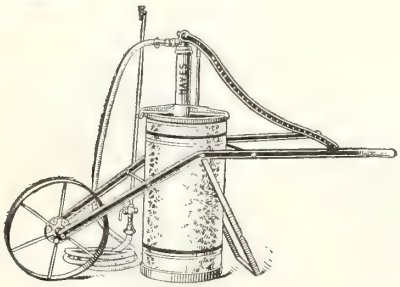
DEMING'S "CENTURY" BARREL SPRAY PUMP

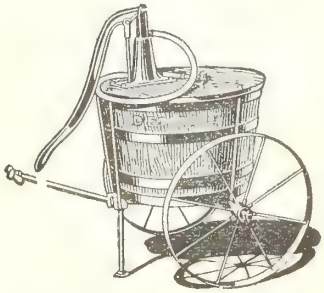
PERFECT SUCCESS BUCKET PUMP


COMPRESSED AIR SPRAYER

HAND POWDER GUN

VERMOREL ECLAIR NO. 1 FRENCH KNAPSACK SPRAYER


WHEELBARROW SPRAYER


GARDENER'S CHOICE SPRAY OUTFIT

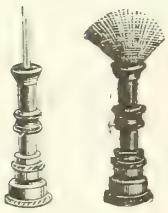
Hose and Hose Accessories

COOPER HOSE MENDER

JONES' HOSE MENDER

PERFECTION HOSE MENDER

BOSTON NOZZLE


ADJUSTABLE NOZZLE

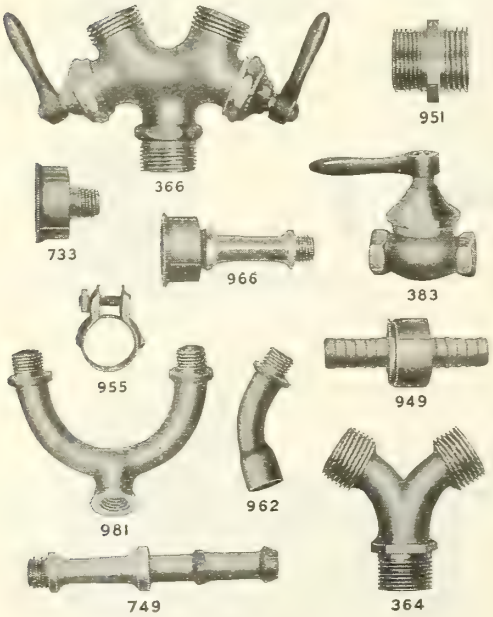
Hose, Rubber. Moulded, for garden and greenhouse.

Riverton, ¾-inch, per foot $0.20
Second quality, ¾-inch, per foot ..... .15
Second quality, ½-inch, per foot ..... .14
Spray Hose, ⅜-inch, per foot ..... .20

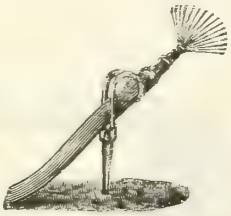
Hose Accessories.

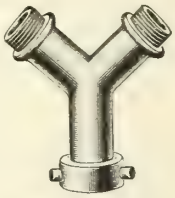
Bands, wire, ½-inch and ¾-inch, dozen, 35 cts.; per 100 ..... 2.75
Clamps, Fig. 955, ⅜, ½ and ¾-inch, galvanized, each, 6 cts.; doz., 50 cts.; brass, each, 8 cts.; dozen ..... .75
Couplings, Fig. 966, to connect hose and nozzle ..... .65
Fig. 749, hose stock and nozzle coupling ..... .30
Standard brass, Fig. 949, ⅜, ½ and ¾-inch ..... .30
Special Spray Hose, ½-inch 1.00
Double Spray. For two nozzles, angle attachment, Fig. 981, 80 cts.; straight ..... .65
Discharge "Y," Fig. 364, to run two hose from one pump discharge 1.05
Menders, Cooper, each, 10 cts.; dozen 1.00
Jones, each, 8 cts.; dozen ..... .75
Perfection, each, 12 cts.; dozen 1.25
Nipples, Fig. 951, ¾-inch, pipe thread, ½-inch, hose thread ..... .35
Nozzles, Boston, coarse or fine, $1.25; Boss, $1.00; Adjustable Nozzle ..... .75
Nozzle Holder, wire ..... .25
Reducer, Fig. 733, from ½-inch hose thread to ¼-inch pipe thread ..... .30
Smooth Faucet Hose Connecton. For small spigots, 50 cts.; for standard spigots ..... .55
Shutoff. For garden hose 1.10
Siamese connection ..... .85
Stopcocks. Leakless, with ball valves.
Fig. 383, two ¼-in. threads, $1.15; with ¾-inch pipe thread and ½-inch hose thread 1.75
Fig. 366, one ¾-inch pipe thread and two ½-inch hose threads 2.25
Underspray attachment. Fig. 962 ..... .35

Hose Reels. Victor, 50 to 100 feet capacity, $3.75; Wirt's No. 10, 100 feet, $5.50; No. 20, 150 feet, $6.00; No. 30, 500 feet 9.00



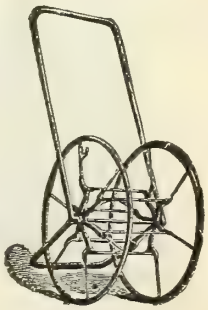
SPRAY HOSE ACCESSORIES


HOSE NOZZLE HOLDER

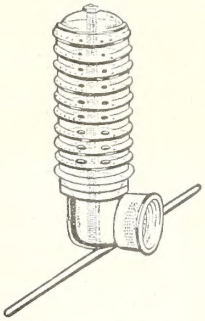

SIAMESE CONNECTION

SMOOTH FAUCET HOSE CONNECTION

HOSE BAND


WIRT'S IRON HOSE REEL

LAWN SPRINKLERS



"B" Lawn Sprinkler

"B" SPRINKLERS

Will cover an oblong or square area..... $0.75

CYCLONE

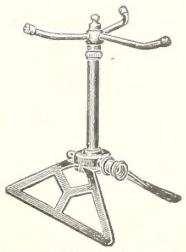
One of the most popular sprinklers. 12 in. high, $2.00; 24 in. high..... 2.75

DAYTON

Quality and price considered, the most effective sprinkler for covering large spaces. A rotating nozzle which can be regulated from the finest mist to a straight stream..... 8.00
A hose reel is supplied to which this sprinkler can be attached, price..... 11.00

ENTERPRISE

A heavy, very strongly made sprinkler..... 5.00



Cyclone Lawn Sprinkler

LAWN TWIN

Strong, simple, and will not clog or get out of order. Throws a double spray in perfect circle.... .25

PECK'S

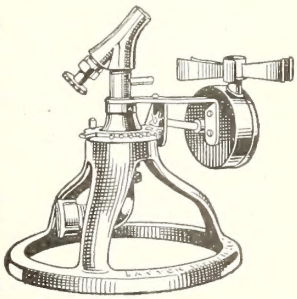
A heavy, large sprinkler, 36 inches high; 4 arm sprinkler, $6.50; 8-arm sprinkler..... 7.25

PENNSYLVANIA RAINMAKER

With a pressure of 40 to 60 pounds, it will distribute water evenly over a circular area 60 to 75 feet in diameter. A small nozzle is supplied for low pressure. It can be easily regulated to throw heavy or fine spray..... 22.50

RAINBOW

The best small sprinkler. It is strongly made and designed to give the least possible friction. With sled base, $3.00; on spur stand..... 2.75



Dayton Sprinkler

RING

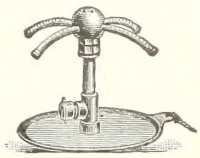
Made of heavy brass; gives a finely divided, well distributed mist..... 1.00

SKINNER

Sectional, pipe sprinklers without any moving parts. Each section covers a large space and from two to four sections can be connected to work from the same hose. Write for booklet.
Peacock, 12½-ft. length. Each section will cover 900 square feet..... 15.00
Lawn Mist, 15-ft. lengths. Throws the finest spray that can be used out doors..... 12.50

THOMPSON

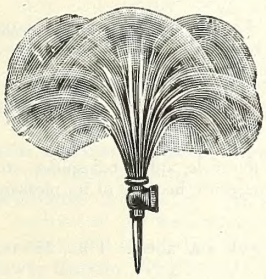
A very effective small sprinkler..... 1.50



Enterprise Sprinkler

UNIVERSAL

The combination of vertical spray coming from the perforated head with streams thrown by the arms, produces an even distribution of water. Height, 10 inches..... 3.00



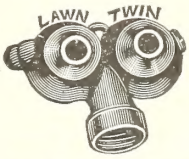
Water Witch Sprinkler

WATERFAN

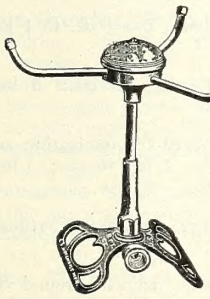
Covers a rectangular area 12 x 60 feet. The distributing pipe oscillates so that the water streams are thrown from a 45 degree position on one side over the machine, to a 45 degree position on the other side, thus watering with a fine spray on both sides of the machine..... 15.00

WATERWITCH

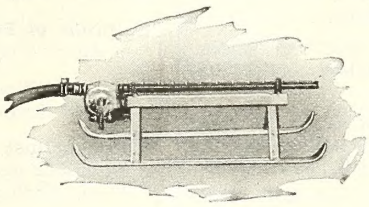
A very good small sprinkler. With spur, 60 cts.; on sled base.. .75



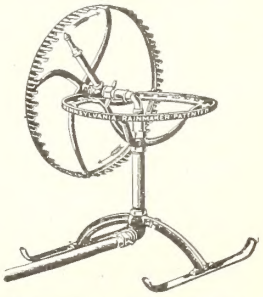
"Lawn Twin" Sprinkler



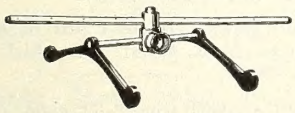
Universal Lawn Sprinkler



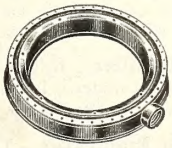
Waterfan



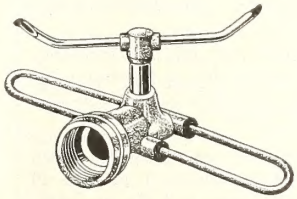
Pennsylvania Rainmaker Lawn Sprinkler



Rainbow Sprinkler



Ring Sprinkler



Thompson Sprinkler

Fertilizers for Lawn and Garden

Ashes, Hardwood. Very good in supplying potash and also greatly benefits mechanical condition of the soil. A very fine lawn dressing. 25 lbs., 85 cts.; 50 lbs., $1.50; 100 lbs., $2.25; per bbl. of about 200 lbs., $3.50; per ton, $30.00.

Dreer's "Peerless" Plant Food. The best plant fertilizer obtainable; a complete plant food. May be used either dry or as a liquid. Directions with each package. ½ lb., 15 cts.; by mail, 25 cts.; 1 lb., 25 cts.; by mail, 40 cts.; 5 lbs., 75 cts.

Bone Meal. A fertilizer for all purposes, safe and effective. Especially good for use on lawns. Apply 800 to 1000 lbs. per acre. 3 lbs., 25 cts.; 5 lbs., 35 cts.; 10 lbs., 60 cts.; 25 lbs., $1.35; 100 lbs., $3.75; 200 lbs., $7.25.

Cow Manure. Shredded and dried and therefore considerably more concentrated than as it comes from the stable. 100 lbs., $3.50; 500 lbs., $16.50; 1000 lbs., $30.00; ton, $55.00.

Humus. A highly fertile earth. Excellent to incorporate with poor soil. Apply 5 to 10 tons per acre. 100 lbs., $1.75; 500 lbs., $8.25; 1000 lbs., $15.00; ton, $25.00.

Nitrate of Soda. Supplies nitrogen to soil; very active. Should be applied with a filler or as a liquid. Use 200 to 500 lbs. per acre. 5 lbs., 40 cts.; 25 lbs., $1.50; 100 lbs., $5.00.

Sheep Manure, Pulverized. One of the most generally used of animal manures. Unequalled for general use in growing flowers. Apply 1000 lbs. per acre. 2 lbs., 20 cts.; 5 lbs., 35 cts.; 10 lbs., 60 cts.; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.50; 500 lbs., $16.50; 1000 lbs., $30.00; ton, $55.00.

Soot, Imported Scotch. Used principally to produce good color in greenhouse plants. Effective against grubs and worms that work on top of the ground and beneath the surface. 28 lbs., $2.50; 56 lbs., $3.50; per bag of 112 lbs., $5.75

Insecticides and Fungicides

Parcel Post. Only those insecticides marked * can be shipped through the mails. Articles so marked will be shipped provided sufficient postage is included with your order.

***Ant Destroyer.** The best available remedy for ants. About ½ teaspoonful required for each hill. ¼ lb., 35 cts.; ½ lb., 50 cts.; 1 lb., $1.00.

Aphine. A nicotine preparation for plant lice, thrip and red spider. Dilute 1 part to 40 parts of water. 1 qt., $1.00; 1 gal., $3.00.

Arsenate of Lead. Paste. A poison remedy for leaf-eating insects. Dilute 1 oz. to 1 gal. of water. Lb., 40 cts.; 5 lbs., $1.75; 10 lbs., $3.00; 25 lbs., $6.00.

Arsenate of Lead. Powder. Superior to paste in that it does not deteriorate from standing. Use 1 to 1½ lbs. to 50 gals. of water. ½ lb., 35 cts.; 1 lb., 60 cts.; 5 lbs., $2.75; 10 lbs., $5.00; $25 lbs., $11.00.

Black Leaf 40. A concentrated nicotine solution for aphis, thrip, and red spider. Dilute 1 oz. to from 3 to 6 gals. of water. 1 oz., 35 cts.; ½ lb., $1.25; 2 lbs., $3.50; 10 lbs., $13.50.

Bordeaux Mixture. Paste. A remedy for fungus. Dilute 5 oz. to 1 gal. of water to obtain standard 3-3-50 mixture. 1 lb., 35 cts.; 5 lbs., $1.50; 10 lbs., $2.75.

Bordeaux Mixture. Powder. Can be used dry or as a spray. When used as a spray 6 lbs. to 50 gals. of water will make standard 3-3-50 mixture. 1 lb., 55 cts.; 5 lbs., $2.00; 25 lbs., $6.25.

Bordeaux Arsenate of Lead. Paste. See Pyrox.

Bordeaux Arsenate of Lead. Powder. Use 7 lbs. to 50 gals. of water. 1 lb., 60 cts.; 5 lbs., $2.75; 10 lbs., $5.00; 25 lbs., $11.00.

Copper Solution. Liquid. A remedy for fungus. Dilute 1 gal. to 15 gals. of water. 1 qt., $1.25; 1 gal., $3.00.

***Dalmation Powder.** For roaches, ants, etc. Ready for use as bought. ¼ lb., 45 cts.; ½ lb., 75 cts.; 1 lb., $1.35.

Fungine. A remedy for fungus. Use 1 part to from 35 to 50 parts of water. 1 qt., $1.00; 1 gal., $3.00.

***Grape Dust.** Powder. A remedy for mold and mildew. Ready for use as bought. 5 lbs., 90 cts.; 10 lbs., $1.75; 25 lbs., $4.00; 100 lbs., $14.50.

Hellebore. For aphis and for the currant worm. To apply as a liquid, use 4 oz. to from 2 to 3 gals. of water; dry, use 1 lb. to 5 lbs. of flour or hydrated lime. ½ lb., 35 cts.; 1 lb., 65 cts.; 5 lbs., $3.25.

***Kerosene Emulsion.** Paste. Effective against scale and aphis. Dilute 1 qt. to 20 gals. of water. 1 qt., 60 cts.; 1 gal., $1.45; 5 gals., $6.25.

Lemon Oil. Effective against scale and aphis. Particularly recommended for use indoors, since it has a pleasant odor. Dilute 1 part to 10 parts of water. ½ pt., 35 cts.; 1 pt., 60 cts.; 1 qt., $1.00; ½ gal., $1.75; 1 gal., $3.00; 5 gals., $12.00.

Melrosene. The most effective remedy for killing full-grown rose bugs. Will not discolor flowers. Dilute 1 part to 20 parts of water. ½ pt., 50 cts.; 1 pt., $1.00; 1 qt., $1.75; ½ gal., $3.25; 1 gal., $6.00.

***Nico Fume.** Paper. A nicotine preparation. Furnishes easiest method of fumigation. Box of 24 sheets, $1.25; 144 sheets, $5.50; 288 sheets, $10.00.

Nico Fume. Liquid. An effective vaporizing liquid. ¼ lb., 75 cts.; 1 lb., $2.25; 4 lbs., $8.00; 8 lbs., $15.00.

Para-Dichlorobenzene. A remedy for Peach Tree Borers. Use about 1 oz. to a tree. 1 lb., 60 cts.; 5 lbs., $2.50; 50 lbs., $15.50.

Pyrox. (Bordeaux Arsenate of Lead, Paste.) A combination of Bordeaux Mixture and Arsenate of Lead, forming thereby a remedy for fungus and leaf-eating insects. Use 1 lb. to from 5 to 10 gals. of water. 1 lb., 40 cts.; 5 lbs., $1.50; 10 lbs., $2.50; 25 lbs., $5.75; 50 lbs., $10.00; 100 lbs., $18.00.

***Rat Corn.** For rats and mice. Cans, 25 cts., 50 cts. and $1.00.

***Rax.** The most efficient rat exterminator. Introduces a contagious disease which affects only rats. 75 cts.

Scalecide. A spray for scale. Dilute 1 gal. to 15 gals. of water. 1 qt., 60 cts.; 1 gal., $1.45; 5 gals., $6.45; 10 gals., $11.00.

***Slug Shot.** One of the most known remedies for cabbage and currant worms. Apply as bought. 1 lb., 20 cts.; 5 lbs., 55 cts.; 25 lbs., $2.65; 100 lbs., $10.00.

***Caustic Potash Fish Oil Soap.** Remedy for scale and aphis. 1 lb., 30 cts.; 5 lbs., $1.25; 25 lbs., $4.75.

***Fir Tree Oil Soap.** A remedy for scale, aphis, red spider, etc. Particularly recommended for house use because of its pleasant odor. ½ lb., 50 cts.

***Fish Oil Soap.** A remedy for scale and aphis. 1 lb., 25 cts.; 5 lbs., $1.00; 25 lbs., $4.00.

***Tobacco Soap.** A remedy for scale and aphis. Pkg., 25 cts.

Sulphide of Potassium. For mildew. Use ½ oz. to 1 gal. of water. 4 oz. bottle, $1.00.

***Sulphur.** Powdered. For mildew. 1 lb., 15 cts.; 5 lbs., 60 cts.; 10 lbs., $1.00; 100 lbs., $7.00.

***Tobacco Dust.** Coarse and Fine. Used for fumigating and for dusting plants affected with aphis. 1 lb., 10 cts.; 5 lbs., 40 cts.; 25 lbs., $1.50; 100 lbs., $5.00.

***Tobacco Stems.** Used for fumigating and as a fertilizer. Bale, about 100 lbs., $3.00.

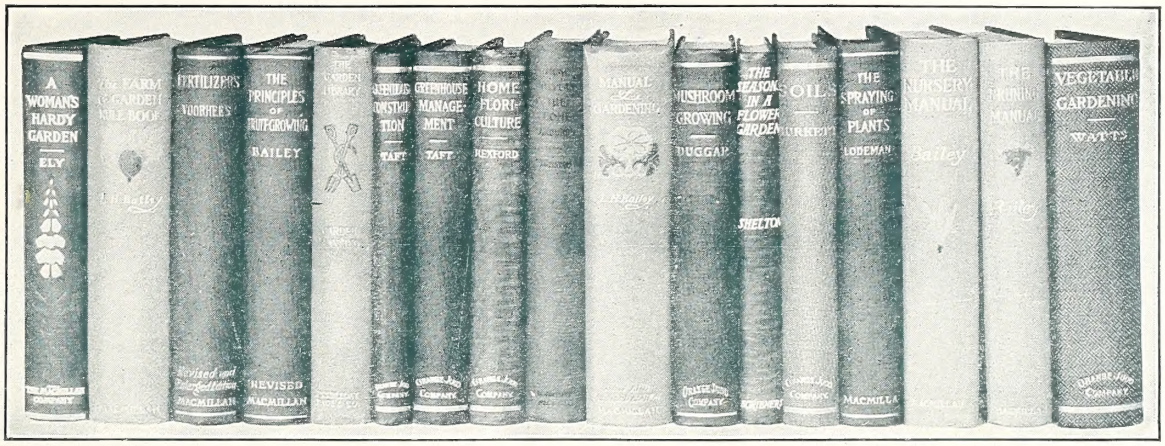
***Tree Tanglefoot.** A paste preparation painted around the trunk of a tree to keep caterpillars, etc., from crawling into the tree. 1 lb., 50 cts.; 5 lbs., $2.25; 10 lbs., $4.25.

Weed Killer. Kills all plant growth. Dilute 1 part to 20 parts of water. 1 qt., 60 cts.; ½ gal., $1.00; 1 gal., $1.75; 5 gals., $6.50; 50 gal. bbl., $50.00.

Worm Eradicator. The best available remedy for worms in pots and in the garden. 24 ozs., $1.00.

Books on Horticultural and Kindred Subjects

ALL BOOKS SENT POSTPAID AT PRICES GIVEN



A Woman's Hardy Garden (Mrs. Ely). One of the most popular and helpful books for the amateur, beautifully illustrated $2.00

Amateur's Practical Garden Book. Contains the simplest directions for the growing of the commonest things about the house and garden 1.90

Asparagus. Its culture for home use and for market ..... .90

Berry Book (Biggle's). All small fruits are treated in this complete little book ..... .50

Bulbs, Hints on the Growing of (Dreer). Tells how to grow both spring and summer flowering bulbs ..... .25

Cabbage, Cauliflower and Allied Vegetables (Allen). Tells all about them, from seed time to harvest ..... .90

Carnation Culture (Dick). Practical guide to modern methods of growing Carnations 1.75

Chrysanthemum Manual (Revised Edition). A complete guide to the culture of this popular flower ..... .60

Celery Culture. Complete in every detail, from sowing the seed for a few plants to handling carload lots ..... .90

Continuous Bloom in America (Shelton). Solves the problem of how to keep a garden in flower from early spring to late autumn 3.50

Farm and Garden Rule Book. A manual of useful ready rules and reference 3.25

Fertilizers (Voorhees). The source, character and composition of natural, home-made and manufactured fertilizers and how to use them 2.50

Flower Garden, The Practical (Mrs. Ely). The author's latest and best book, finely illustrated, new edition, just issued 2.50

Fruit Growing, Principles of (Bailey). Revised new edition, presenting the most approved methods of American growers 2.50

Garden Guide. (Amateur Gardener's Handbook). Tells how to plan, plant and maintain the home grounds, how to grow vegetables, fruits, flowers, etc 1.00

Greenhouse Construction (Taft). Complete treatise on the subject 2.25

Greenhouse Management (Taft). The latest book on this important branch of horticulture 2.25

Handbook of Plants (Henderson). A dictionary of plants with valuable cultural hints for important sorts 3.50

Home Floriculture (Rexford). A practical guide on flowering and ornamental plants for the amateur 1.75

How to Plan the Home Grounds (Parsons). Instructions for beautifying the home grounds, large or small 1.25

Manual of Gardening (Bailey). A practical guide to the making of home grounds and the growing of flowers, fruits and vegetables for home use 3.25

Milady's House Plants (Palmer). Tells of the plants which any woman can successfully grow indoors; 100 instructive pictures ..... .75

Mushroom Growing (Duggar). The latest work on this subject, the information contained in this book is reliable and up-to-date $2.00

Onion Culture (Grenier). Gives the latest ideas of growing this crop ..... .90

Orchard Book (Biggle). A concise work. Gives all necessary details for culture of apples, pears, etc ..... .50

Plant Culture (Oliver). A new and greatly enlarged edition of this splendid handbook of everyday practice for the florist and gardener 3.50

Potato Culture (Fraser). The most reliable and authoritative book on the potato published 1.00

Poultry Book (Biggle's). Most concise work on the subject. .50

Practical Landscape Gardening (Cridland). Of particular value to the owner of the moderate sized suburban home, nicely illustrated 2.50

Roses, How to Grow. Latest revised edition of this handy, helpful book for the beginner as well as advanced amateurs. Nicely illustrated 1.25

Seasons in a Flower Garden (Shelton). The record of an enthusiastic amateur; full of valuable information and instruction 1.50

Small Fruit Culturist (Fuller). This book covers the whole range of small fruits 1.60

Soils (Burkett). Their properties, improvements, management and the problems of crop growing and crop feeding 1.75

Spraying of Plants (Lodeman). Principles and practice of the application of liquids and powders to plants for destroying insects and fungi 2.50

Strawberry Culture (Fuller). Contains all information necessary to enable anyone to grow their own strawberries. .40

The Nursery Manual (Bailey). A new edition entirely re-written and re-illustrated. This book is a complete guide to the multiplication of plants 2.50

The Pruning Manual (Bailey). Principles and practices of pruning and training as applied to American conditions 2.50

Tomato Culture (Tracy). The most complete work on the subject ..... .90

Vegetable Forcing (Watts). The most complete and authoritative work on this subject. Equally valuable to amateurs and experienced gardeners 2.50

Vegetable Gardening (Watts). A complete, concise and authentic book covering every phase of the subject 2.50

Vegetable Gardening, The Principles of (Bailey). New edition, thoroughly revised, of this splendid work on vegetables; 490 pages; illustrated 4.00

Violet Culture (Galloway). The only comprehensive work on this important subject 1.75

LAWN MOWERS AND ACCESSORIES

THE DREER LAWN MOWER

The Dreer Mower embodies features which enable us to rightly say that it has no superior. It is, of course, made of the best material with the finest workmanship. The essential feature, however, is that it is made with plain bearings—not with ball bearings. It is the mistaken idea of many people that ball bearing machines are the easiest running and generally the most satisfactory. A careful study will reveal, however, that to maintain the initial efficiency of a ball bearing mower, money and labor must be spent from time to time to install new bearings.

The High Wheel Dreer Mower, with ten-inch drive wheels, is the easiest running. The five blade machine will cut more smoothly, although the four blade machine is quite satisfactory for ordinary use. The Low Wheel Mower is built on the same plan, but the drive wheels are eight inches high.

The Dreer Lawn Mower is Guaranteed. We can furnish all repairs at short notice.

"Dreer" Low Wheel Mower

12-inch cut, 4 blades	$13.50
14 " " "	16.00
16 " " "	18.00
18 " " "	21.00

"DREER" HIGH WHEEL MOWER

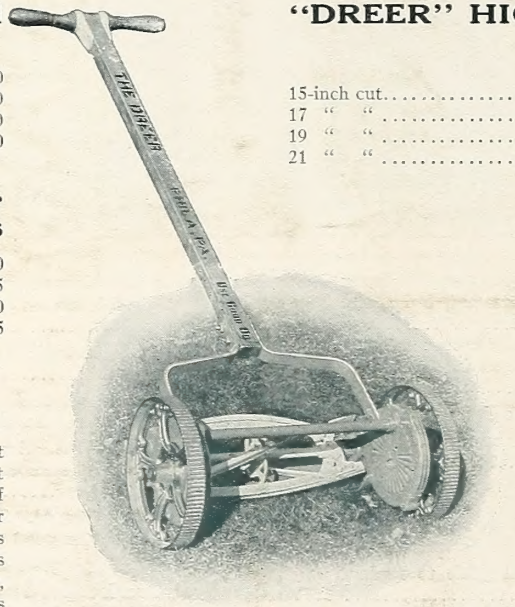
	With 4 Blades	With 5 Blades
15-inch cut	$21.00	$22.50
17 " "		25.50
19 " "	27.50	29.50
21 " "	31.50	33.50

Grass Catchers for Low Wheel Mowers

12-inch (Low Wheel)	$3.00
14 " " "	3.25
16 " " "	3.50
18 " " "	3.75

Grass Catchers for High Wheel Mowers

15-inch (High Wheel)	$3.50
17 " " "	3.75
19 " " "	4.00
21 " " "	4.25



DREER LAWN MOWER

POWER LAWN MOWERS

It is now an accepted fact that motor lawn mowers are the most economical and satisfactory means of cutting most large lawns. One power mower will do work that requires several hand mowers or horse mowers to do. Due consideration, however, must be given to the work that is required before selecting a motor mower.

The best power mower is the Coldwell. This machine was among the first on the market and is made with the usual care and precision of its manufacturer.

Coldwell Model J, 40-inch cut	$1500.00
" " **G,** 35- " "	475.00
" " **H,** 30- " "	425.00
" 25- " "	325.00
Grass Box for models G and H	60.00
" " " **model L**	25.00

Prices quoted are net f. o. b. Newburgh, New York.

The Ideal Power Lawn Mower has proven satisfactory to many people. There are probably more of these mowers sold than of any other manufacture.

Ideal, 86-inch cut, Triplex	$1100.00
" 30- " "	340.00
" 22- " "	225.00
Riding Attachment	25.00

Prices quoted are net f. o. b. Philadelphia.

HORSE LAWN MOWERS

Although Power Mowers are now deservedly popular, there are many conditions for which a Horse Mower is more satisfactory. **The Pennsylvania Grand,** fitted with handles and draft irons only, can be easily managed on a lawn broken by trees and shrubbery. When fitted with seat, the operator, without leaving his seat, can change from low to high or intermediate cut.

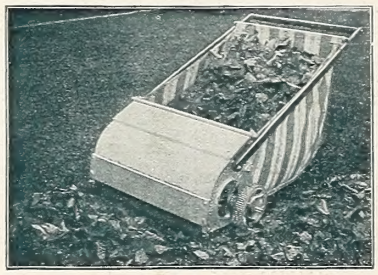
Penna. Grand, 30-in. cut, $130.00; with shafts and seat, $155.00
Penna. Grand, 38-in. cut, 165.00; with shafts and seat, 190.00
Penna. Standard, 30-in. cut, $115.00; with shafts and seat, $140.00.

Above prices are for 4 blade mowers; for 6 blade mowers, add $25.00 to the price of each machine.

Coldwell. Probably the best known horse mower in the world. Prices complete with shafts and seat:

4 blades, 30-in. cut	$136.00
4 " 35-in. "	157.25
4 " 40-in. "	178.50

For 6 blade machines, add $15.00 to above prices.


PENNSYLVANIA LAWN CLEANER

PENNSYLVANIA LAWN CLEANER

The cleaner will remove from the lawn, not only the cut grass, but all sorts of litter and leaves, leaving the grass standing upright and free from foreign matter that prevents sunlight and dew from getting to the roots.

It is easy to operate, and with it one man will do more and better work than four men with hand rakes.

LAWN TRIMMERS

These machines are very serviceable for cutting close to walks and fences or around beds.

Pennsylvania Ball Bearing	$10.50
Pennsylvania Undercut	12.00
Coldwell	10.00

The brushes are recommended for removing worm casts from putting greens and tennis courts.

Always specify "Rakes" or "Brushes" when ordering.

36 inches wide	$42.50
24 inches wide	30.00
Extra brushes, 24 inches	7.00
" " 36 "	9.00